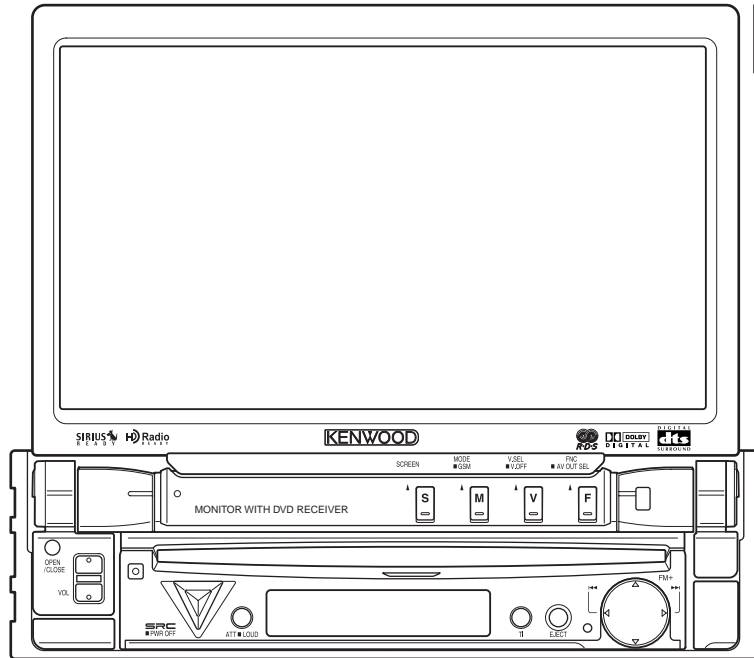
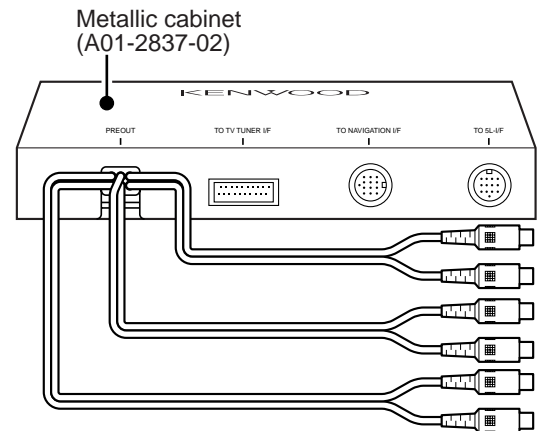


KVT-715DVD, 725DVD/-B KVT-735DVD, 745DVD KVT-765DVD, 815DVD SERVICE MANUAL

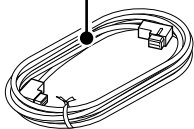


KVT-715DVD (K type)

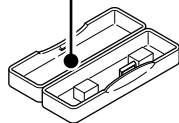
The DVD mechanism information is not in this service manual.
Please refer to service manual for X92-4750-00 (B53-0052-00).



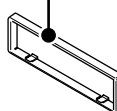
Cord with plug
(E30-6301-05)



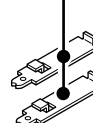
Plastic cabinet assy
(A02-2723-03)



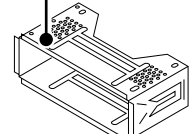
*Escutcheon
(B07-3022-02)
(B07-3058-02)



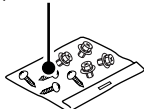
*Mounting hardware
(J21-9784-04) x2



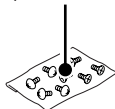
Mounting hardware assy
(J21-9934-03)



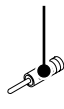
Screw set
(N99-1558-05)



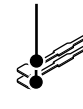
*Screw set
(N99-1723-05)



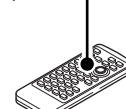
*Antenna adaptor
(T90-0512-05)



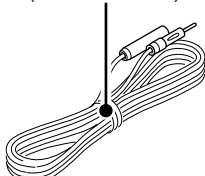
Lever
(D10-4589-04) x2



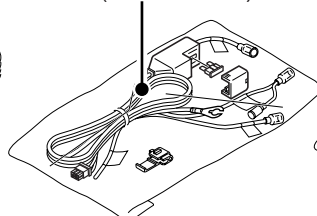
Remote controller
(A70-2064-05 : RC-DV420)



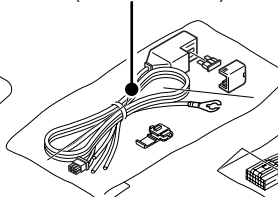
Cord with connector
(E30-4953-05)



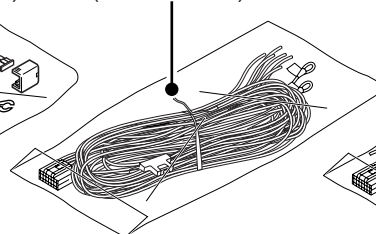
*DC cord
(E30-6337-05)



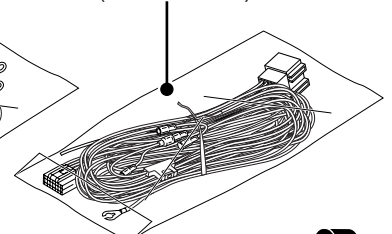
*DC cord
(E30-6338-05)



*Cord with connector
(E30-6339-05)

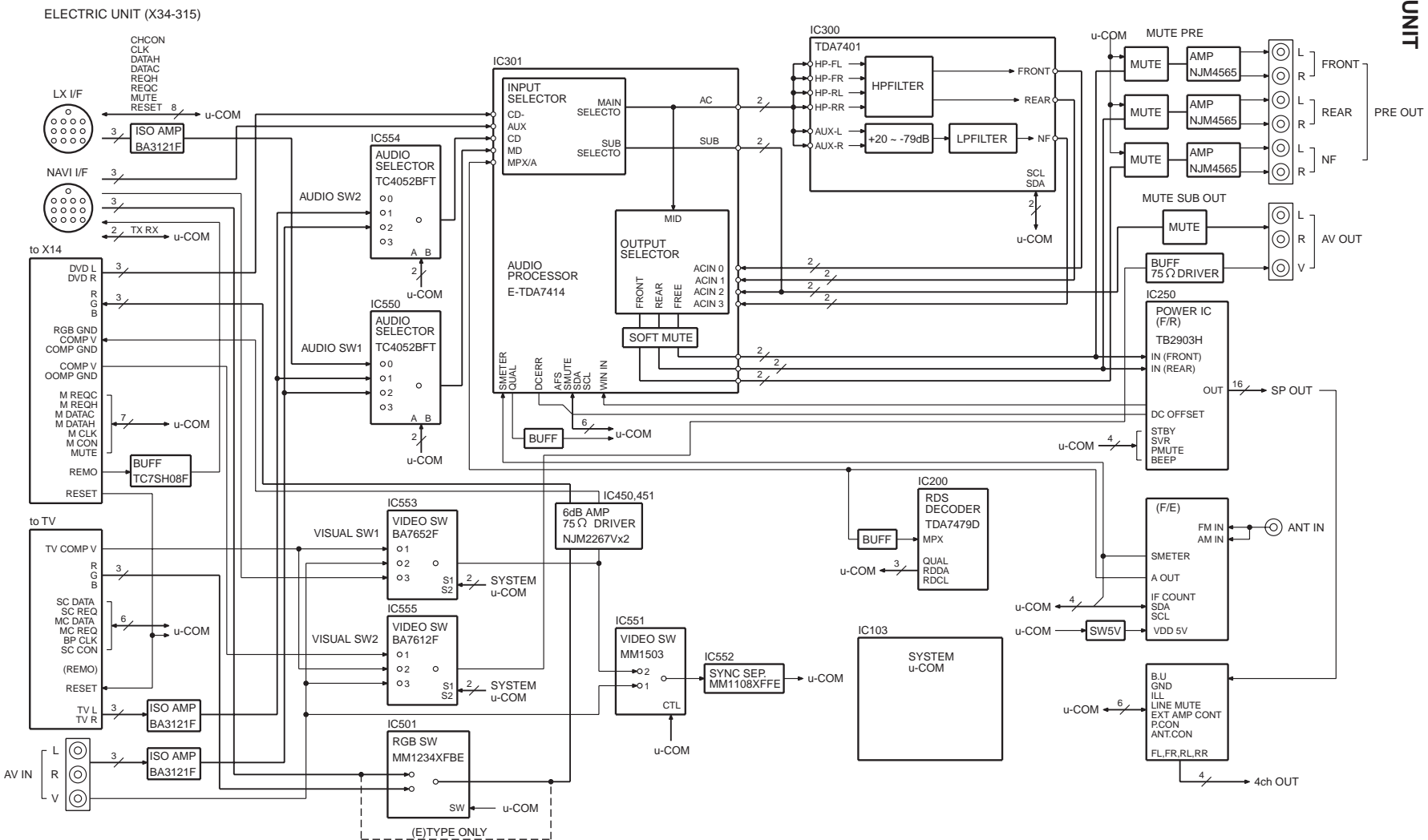


*Cord with connector
(E30-6340-05)



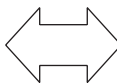
BLOCK DIAGRAM

ELECTRIC UNIT



KVT-715DVD, 725DVD/-B, 735DVD
KVT-745DVD, 765DVD, 815DVD

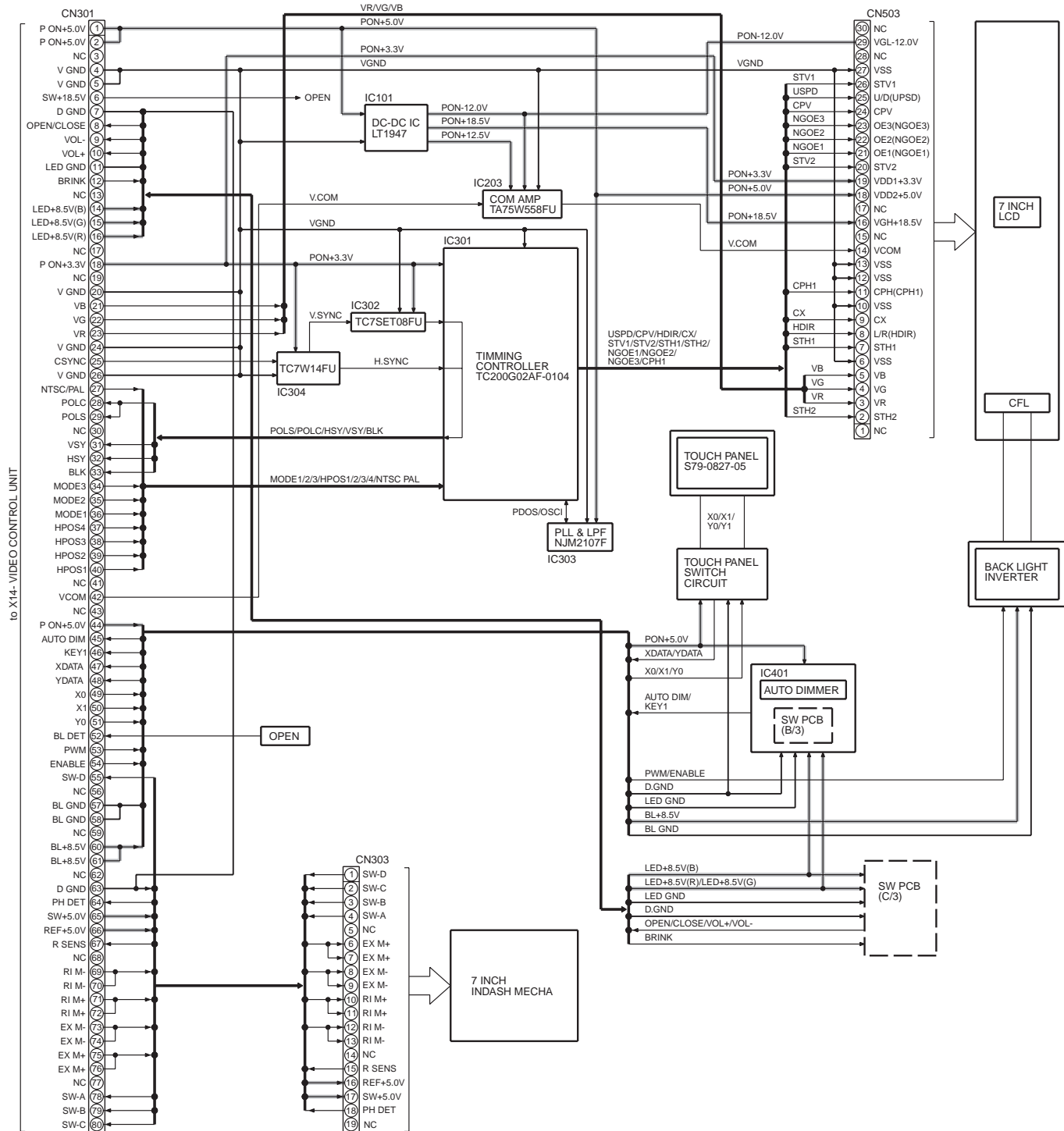
to X34
(ELECTRIC UNIT)



BLOCK DIAGRAM

● VIDEO UNIT

VIDEO UNIT (X35-4280-01)



COMPONENTS DESCRIPTION

● VIDEO CONTROL UNIT (X14-939x-xx)

| Ref No. | Application / Functions | Operation / Condition / Compatibility |
|-----------|-------------------------|--|
| IC100 | AVR | Switching power supply (SW5V, MECHA7V) |
| IC101 | AVR | Switching power supply (SW3.3V, PANEL MECHA7V) |
| IC102 | AVR | Switching power supply ($\pm 7.5V$, BL8.5V) |
| IC103 | AVR | BU5V output |
| IC104 | AVR | BU3.3V output |
| IC105 | BU detector | Reduced voltage detector for BU line |
| IC106 | P ON control | Power ON control IC |
| IC107 | AVR | VIDEO7.5V output |
| IC108 | AVR | SW2V output |
| IC200 | E2PROM | E2PROM for system microprocessor |
| IC202 | Motor driver | Slide mechanism motor driver |
| IC203 | Motor driver | Tilt mechanism motor driver |
| IC204 | System microprocessor | System control microprocessor |
| IC205 | Buffer | Remote controller signal buffer |
| IC206 | Reset | Reset control for system microprocessor |
| IC207 | Reset IC | Reset IC for system microprocessor |
| IC300 | AVR | VIDEO5V output |
| IC301 | 1H DELAY | 1H DELAY (for PAL video signal) |
| IC302 | RGB sw | RGB synchronize signal separator |
| IC303 | RGB decoder | RGB signal decoder |
| IC304 | RGB sw | RGB video signal switch (switching for DVD/NAVI, TV) |
| IC305 | AVR | VIDEO3V output |
| IC306 | Muting control | Video muting control |
| IC361 | Sync mix. | Sync mixer for HD and VD sync |
| IC362 | Sync sep. | Synchronies separator |
| IC363,364 | Buffer | 3CH buffer (HD, VD signal) |
| IC365 | Timing generator | HD timing generator (for OSD) |
| IC400 | OSD | Graphic generator (for OSD) |
| IC401 | Flash ROM | Font data ROM (for OSD) |
| IC520 | Flash ROM | FLASH ROM (for MPEG decoder control program) |
| IC521 | SRAM | SRAM (MPEG decoder backup ROM) |
| IC522 | Selector | Chip selector for SRAM |
| IC540 | Buffer IC | 27MHz buffer |
| IC541 | Inverter | 27MHz oscillator |
| IC560 | SDRAM | SDRAM (for memory for decode data) |
| IC580 | Level shift | Level shift (3.3V \rightarrow 5V) |
| IC601 | Decoder | MPEG decoder |
| IC650 | Amp | Video signal amp (6dB & LPF) |
| IC651 | AVR | VIDEO5V output |
| IC652 | Encoder | Video encoder |
| IC701 | LPF | Audio LPF |

COMPONENTS DESCRIPTION

| Ref No. | Application / Functions | Operation / Condition / Compatibility |
|----------|-------------------------|--|
| IC702 | AVR | AUDIO5V output |
| IC703 | DAC | Audio DAC |
| IC750 | Driver | Digital output driver |
| IC770 | Audio & SRAM cont. | Audio DAC & SRAM control |
| Q100~103 | SW | P ON control sw |
| Q104,105 | BU det. | Reduced voltage detector for BU line |
| Q106 | Power FET | SW14V output |
| Q107 | ACC det. | ACC detect control |
| Q108 | PARK det. | Parking detector |
| Q109 | AVR | For SW5V, MECHA7V |
| Q110 | AVR | For SW3.3V, PANEL MECHA7.5V |
| Q111 | AVR | For $\pm 7.5V$, MECHA7V |
| Q112 | AVR | VIDEO7.5V output |
| Q113~116 | AVR | FAN driver (12.8V) |
| Q117 | AVR cont. | Panel mechanism AVR control |
| Q118,119 | Current det. | BL8.5V over current detector |
| Q120~124 | SW | Select SW BU5V or SW5V line |
| Q170,171 | SW | OSC selector (SW5V, MECHA7V) |
| Q172,173 | SW | OSC selector (SW3.3V, PANEL MECHA7.5V) |
| Q174,175 | SW | OSC selector ($\pm 7.5V$, MECHA7V) |
| Q200,201 | Illume cont. | Illumination control (BLEU) |
| Q202,203 | Illume cont. | Illumination control (GREEN) |
| Q204,205 | Illume cont. | Illumination control (RED) |
| Q207 | Reset | Microprocessor reset control |
| Q300 | Selector | NTSC/PAL selector (chroma LFC frequency) |
| Q360 | Buffer | Buffer (Y signal) |
| Q361 | Buffer | Buffer (C signal) |
| Q362 | Buffer | Buffer (for V sync separator) |
| Q400 | Buffer | Buffer (RED signal for OSD) |
| Q401 | Buffer | Buffer (GREEN signal for OSD) |
| Q402 | Buffer | Buffer (BLUE signal for OSD) |
| Q403 | Selector | NTSC/PAL selector (for OSD clock) |
| Q650 | Inverter sw | Inverter (RGB SW) |
| Q652 | Muting | Muting for IC650 (6pin) |
| Q701 | Muting | Audio DMIX L muting |
| Q702 | Muting | Audio DMIX R muting |
| Q703~707 | Audio mute. | Audio muting control |
| Q751,752 | COAX drv. | Drive for coaxial digital output |
| Q901,902 | TDF panel AVR cont. | TDF panel AVR ON/OFF control |

COMPONENTS DESCRIPTION

● ELECTRIC UNIT (X34-315x-xx)

| Ref No. | Application / Functions | Operation / Condition / Compatibility |
|-----------|-------------------------|---|
| IC1 | AVR | AUDIO8.4V AVR (for audio circuit) |
| IC3 | AVR | VIDEO5V AVR (for video circuit) |
| IC4 | AVR | ±9.0V AVR (for 5V pre out circuit) |
| IC100 | Logic IC | Audio muting control |
| IC101 | Reset IC | When BU voltage less than 3.7V, this IC output is L (Rreset) |
| IC103 | System control | System microprocessor (control for X32 unit, communication for another unit) |
| IC200 | RDS decoder IC | RDS signal decoder |
| IC250 | Power amp | Audio power amp (50W x 4) |
| IC300 | Digital audio processor | DSP for audio (4ch high pass filter, 2ch low pass filter) |
| IC301 | Audio system IC | Electrical volume, audio selector, noise cancellor, FM mpX |
| IC350 | Amp | Isolation amp (for LX BUS) |
| IC400 | Logic IC | Isolation for navigation signal line and another common line |
| IC450,451 | Amp | 75Ω video driver & 6dB amp (X34 unit to X14 unit) |
| IC452 | Logic IC | Reset signal inverter |
| IC500 | Amp | Isolation amp (for TUNER) |
| IC501 | SW | RGB selector (TV or NAVI line) |
| IC550,554 | 4ch multiplexer | Select for audio signal (LX or NAVI line, TV or AV IN) |
| IC 551 | Video SW | Select for composite video signal (IC553 or AV IN) : Use for NTSC/PAL detector and back camera detect |
| IC552 | Sync sep. | Sync separator (place for NTSC or PAL format signal) |
| IC553 | 75Ω driver & video sw | Select for video signal to X14 unit (TV, AV IN, NAVI) |
| IC555 | 75Ω driver & video sw | Select for video signal to AV out terminal (DVD, TV, AV IN) |
| IC600 | Amp | Isolation amp (for AV IN) |
| IC602~604 | OP AMP | For 5V pre out |
| IC702 | OP AMP | 1/2VCC for IC350 AND IC500 (LX, TV) |
| IC900 | OP AMP | For noise canceled |
| Q1 | BU5V sw | Q1 is ON When supplied for BU14V |
| Q2 | BU5V sw | Q2 is ON When supplied for BU14V |
| Q3 | SW5V sw | Q3 is ON When Q9 is ON |
| Q4 | A9V sw | Q4 is ON When supplied for SW14V |
| Q5 | V5V sw | Q5 is ON When supplied for SW14V |
| Q6 | AVR (A9V) | Q6 is ON When Q4 is ON |
| Q8 | AVR (SW14V) | Q8 is ON When P ON line is ON |
| Q9 | AVR (SW5V) | Q9 is ON When P ON line is ON |
| Q10 | SW (V5V) | Q10 is ON When Q5 is ON |
| Q11 | SW (±9V) | Q11 is ON When Q12 is ON |
| Q12 | SW (±9V) | Q12 is ON When supplied for SW14V |
| Q13~18 | AVR | -9V output |
| Q19 | Illumination sw | Q19 is ON when Car Illumination sw is ON |
| Q20 | ANT-CONT SW | ANT-cont is ON when select for TUNER |
| Q21 | SW | Q21 is ON when P CONT is ON |
| Q22 | SW | Q22 is ON when Q21 is ON |

COMPONENTS DESCRIPTION

| Ref No. | Application / Functions | Operation / Condition / Compatibility |
|----------|-------------------------|---|
| Q23 | P-ANT SW | Q23 is ON when Q20 is ON |
| Q24 | SW | Q24 is ON when Q25 is ON |
| Q25 | SW | Q25 is ON When supplied for BU14V and Q25 is OFF When Q22 is ON |
| Q26 | BU det. | Q26 is ON When supplied for BU detect |
| Q27 | EXT-AMP sw | Q27 is ON when Ext-cont is L |
| Q100 | Inverter sw | Q100 is ON when S-MUTE is ON |
| Q200 | SW (AM AVR) | Q200 is ON when select for TUNER function |
| Q201 | SW (AM AVR) | Q201 is ON when Q200 is ON |
| Q300 | Noise det. sw | Q300 is ON when QUAL terminal is H for IC301 |
| Q301 | S-mute sw | Q301 is ON when Q100 is ON |
| Q460 | Reset sw | For TV reset signal (invert for reset signal) |
| Q551~554 | Voltage shift | Voltage shift for 5V to 8V (for audio selector sw) |
| Q600~606 | Preout mute | Q600~606 is ON when Q603 is ON (for pre out muting) |
| Q603 | Preout mute | Q603 is ON when MUTE-PRE is ON (for pre out muting) |
| Q608,610 | AV out mute | Q608, 610 is ON when Q609 is ON |
| Q609 | AV out mute | Q609 is ON when MUTE-AVOUT is ON (for AV out muting) |
| Q900 | Fan 5V | Q900 is ON when Q901 is ON |
| Q901 | Fan 5V | Q901 is ON when Q902 is ON |
| Q902 | Fan 5V | Q902 is ON When supplied for SW5V |
| Q903 | Fan 5V | Q903 is ON when Q900 is ON |
| Q904~906 | Noise cancel | Noise cancel circuit |

● VIDEO UNIT (X35-4280-01)

| Ref No. | Application / Functions | Operation / Condition / Compatibility |
|----------|-------------------------|---|
| IC1 | Inverter control IC | Control for LCD back light (inverter circuit and driver) |
| IC101 | DC/DC converter | For VCOM amp ($\pm 12V$, for LCD $-12.0V/+18.5V$) |
| IC203 | Amp | VCOM signal amp |
| IC301 | Timing controller | Control for LCD |
| IC302 | AND | V. SYNC delay line buffer |
| IC303 | PLL LPF | PLL control LPF (VT voltage control) |
| IC304 | Schmidt inverter | Waveform shaping for c.sync signal |
| IC401 | Dimmer sensor | Dimmer detect sensor |
| Q1 | Dimmer SW | On and off is carried out with the control of PWM signal, and dimmer for LCD back light |
| Q2,3 | Inverter driver | Drive for inverter circuit |
| Q5 | AVR | 5V output for inverter control IC |
| Q201~203 | VCOM driver | VCOM signal buffer |
| Q301 | VCO | PLL oscillator |
| Q501 | Touch panel Y1 sw | Y0 (X0) SW Y (X)axis input data : ON, X (Y) axis input data : OFF |
| Q502 | Touch panel X0/Y1 sw | Y1 SW Y axis input data : ON and impressed voltage |
| Q503 | Touch panel X1/Y0 sw | X1 SW Detect to touch panel or X axis data input : ON and impressed voltage |
| Q601 | SW | OPEN/CLOSE key illumination blinking sw |

MICROCOMPUTER'S TERMINAL DESCRIPTION

● System Main Microprocessor : 70F3089YGJ-7R5 (X14 : IC204)

| Pin No. | Name | I/O | Description / Processing Operation |
|---------|---------------------|-----|--|
| 1 | AUTO_DIM | I | Auto dimmer control |
| 2 | KEY4 | I | Key input terminal |
| 3 | KEY3 | I | Key input terminal |
| 4 | NC | I | NC |
| 5 | PGND0 | - | GND |
| 6 | PM1_SW | I | Panel mechanism tilt down detect terminal |
| 7 | LCD_VOFF_EN | O | LCD back light on/off control (H : On, L : Off) |
| 8 | NC | O | NC |
| 9 | TP_YG | O | Touch panel control |
| 10 | TP_XP | O | Touch panel control |
| 11 | TP_XG | O | Touch panel control |
| 12 | LCD_HPOSI1 | O | Starting position setting for LCD display |
| 13 | LCD_HPOSI2 | O | Starting position setting for LCD display |
| 14 | LCD_HPOSI3 | O | Starting position setting for LCD display |
| 15 | LCD_HPOSI4 | O | Starting position setting for LCD display |
| 16 | LCD_MODE1 | O | Aspect setting for LCD display |
| 17 | LCD_MODE2 | O | Aspect setting for LCD display |
| 18 | LCD_MODE3 | O | Aspect setting for LCD display |
| 19 | LCD_MIRROR | O | Screen image control (H : Flip horizontal, L : Normal) |
| 20 | ILL_R | O | Illumination control (H : Red ON) |
| 21 | ILL_G | O | Illumination control (H : Green ON) |
| 22 | PVDD0 | - | VDD (BU5V) |
| 23 | ILL_B | O | Sub panel back light control (H : Light up for Blue) |
| 24 | NTSC_PAL | O | Select for NTSC/PAL TV format (H : PAL, L : NTSC) |
| 25 | PM_LED_SW/PM_LED_SW | O | Open/close key LED blinking control (H : Lighting on, L : Light off) |
| | PM_LED_SW SI | O | SI LED control (H : Lighting on, L : Light off) |
| 26 | LCD_PON | O | DC/DC converter on/off control (for X35- unit, H : On) |
| 27~29 | NC | O | NC |
| 30 | V_MUTE | O | Video muting control (H : Muting on) |
| 31 | RGB_SW | O | Source selector for video (H : DVD, L : Other) |
| 32 | S_MUTE | O | Composite synchronized signal muting control (L : Full display, H : Other) |
| 33 | SYS_SREQ | I | Request signal from sub microprocessor |
| 34 | SYS_MREQ | O | Request signal for sub microprocessor |
| 35 | SYS_ON | O | Power control for sub microprocessor (H : On, L : Off) |
| 36 | CLKOUT | - | NC |
| 37 | GND0 | - | GND |
| 38 | CPUREG | - | Coupling capacitor connect terminal |
| 39 | VDD0 | - | VDD (BU5V) |
| 40 | RESET | I | Reset terminal (L : Reset) |
| 41 | FROM_VPP | - | NC |

MICROCOMPUTER'S TERMINAL DESCRIPTION

| Pin No. | Name | I/O | Description / Processing Operation |
|---------|---------------------|-----|--|
| 42 | MINI_CS | O | Chip select for mini LCD driver |
| | FLASH_SI | I | Use for flash microprocessor |
| 43 | MINI_DATA/MINI_DATA | O | Data for mini LCD driver |
| | MINI_DATA/LEDSW_SUB | O | Panel LED control for with out mini LCD model (H : Lighting on, L : Light off) |
| | MINI_DATA/FLASH_SO | O | Use for flash microprocessor |
| 44 | MINI_CLK/MINI_CLK | O | Clock for mini LCD driver |
| | MINI_CLK/FLASH_CLK | I | Use for flash microprocessor |
| 45 | KEY_OPEN | I | Open/close key input terminal |
| 46 | BE_SDATA | I | Data from back-end microprocessor |
| 47 | BE_MDATA | O | Data for back-end microprocessor |
| 48 | BE_CLK | O | Clock for back-end microprocessor |
| 49 | BE_RST | O | Reset for back-end microprocessor (L : Reset) |
| 50 | BE_MREQ | O | Request for back-end microprocessor |
| 51 | BE_SREQ | I | Request from back-end microprocessor |
| 52 | PON | O | Power on/off control (H : Power on) |
| 53 | PM1_MCNT | O | 5V/7.5V AVR control (H : 5V, L : 7.5V) |
| 54 | POWER_DET | I | BU line condition detect terminal (L : Power voltage trouble) |
| 55 | PAK_DET | I | Packing detect terminal (H : Parking detect) |
| 56 | M_MUTE | O | Audio muting control (L : Muting on) |
| 57 | DVD_DISC_DET | I | Disc insert detect terminal (L : Disc insert the unit) |
| 58 | NC | O | NC |
| 59 | D_MUTE | O | Digital audio on/off control (H : Muting off, L : Muting on) |
| 60 | PVDD1 | - | VDD (BU5V) |
| 61 | LCD_BRIGHT | O | Dimmer control for inverter (L : Back light lighting off) |
| 62~65 | NC | O | NC |
| 66 | JIG_EJ | I | 2DIN FC detect terminal (H : FC, L : Other) |
| 67 | NC | O | NC |
| 68 | SUBLED_OFF | O | Sub panel LED on/off control (H : Eject, L : Other) |
| 69 | ACC_DET | I | Acc voltage detect terminal (L : ACC on) |
| 70 | XT2 | - | Sub clock (32.768kHz) |
| 71 | XT1 | - | Sub clock (32.768kHz) |
| 72 | GND2 | - | GND |
| 73 | X1 | - | Main clock (19.8MHz) |
| 74 | X2 | - | Main clock (19.8MHz) |
| 75~78 | NC | O | NC |
| 79 | FSEL1 | O | DC/DC converter frequency control |
| 80 | FSEL2 | O | DC/DC converter frequency control |
| 81 | BU_DET | I | Back up line voltage detect terminal (L : Reduced voltage) |
| 82 | KEY_SRC | I | Source select key input terminal |
| 83 | KEY_DVDEJ | I | DVD eject key input terminal |

MICROCOMPUTER'S TERMINAL DESCRIPTION

| Pin No. | Name | I/O | Description / Processing Operation |
|---------|-----------------|-----|--|
| 84 | SDA CHROMA_SDA | I/O | Data for chroma control IC |
| | CODE_SDA | I/O | Data for EEPROM (Code) |
| | SDA BE_SDA | I/O | Data for EEPROM (Region) |
| | SDA LCD_SDA | I/O | Data for EEPROM (Starting position setting for LCD) |
| | SDA COR_SDA | I/O | Data for EEPROM (ROM correction) |
| | SDA TP_SDA | I/O | Data for EEPROM (Adjustment value) |
| | SDA CADJ_SDA | I/O | Data for E2PROM (Chroma adjustment value) |
| 85 | NC | - | NC |
| 86 | SCL CHROMA_SCL | I/O | Clock for chroma IC |
| | CODE_SCL | I/O | Clock for EEPROM (Code) |
| | SCL BE_SCL | I/O | Clock for EEPROM (Region) |
| | SCL LCD_SCL | I/O | Clock for EEPROM (Starting position setting for LCD) |
| | SCL COR_SCL | I/O | Clock for EEPROM (ROM correction) |
| | SCL TP_SCL | I/O | Clock for EEPROM (Adjustment value) |
| | SCL CADJ_SCL | I/O | Data for E2PROM (Chroma IC adjustment value) |
| 87~91 | NC | O | NC |
| 92 | PGND1 | - | GND |
| 93 | MINI_CLK_IN | I | Clock for mini LCD driver (from 44pin) |
| 94 | MINI_DATA_IN | I | Data from mini LCD driver |
| 95 | NC | O | NC |
| 96 | PAN_DET | I | Front panel description detect terminal (L : Attached, H : Pull off) |
| 97 | OSD_CLK | O | Clock for OSD IC |
| 98 | OSD_CS | O | Chip select for OSD IC |
| 99 | OSD_DATA | O | Data for OSD IC |
| 100 | NC | O | NC |
| 101 | DSI | O | DSI LED control (H : Lighting up) |
| 102 | PVDD2 | - | VDD (BU5V) |
| 103 | MINI_PON | I/O | Mini LCD power control (H : Power on, L : Off) |
| 104 | PM1_SET_STATUS0 | O | Test for panel mechanism for torture test (for reliability testing) |
| 105 | PM1_SET_STATUS1 | O | Test for panel mechanism for torture test (for reliability testing) |
| 106 | PM1_SET_STATUS2 | O | Test for panel mechanism for torture test (for reliability testing) |
| 107 | SYS_SDATA | I | Data from sub microprocessor |
| 108 | SYS_MDATA | O | Data for sub microprocessor |
| 109 | SYS_MCLK | O | Clock for sub microprocessor |
| 110 | NC | O | NC |
| 111 | WRT_E2P | I | Writing control from ext. input (H : Writing, L : Except) |
| 112 | TYPE0 | I | Destination setup terminal |
| 113 | TYPE1 | I | Destination setup terminal |
| 114 | TYPE2 | I | Destination setup terminal |
| 115 | TYPE3 | I | Destination setup terminal |
| 116~119 | NC | O | NC |

MICROCOMPUTER'S TERMINAL DESCRIPTION

| Pin No. | Name | I/O | Description / Processing Operation |
|---------|-----------------------|-----|--|
| 120 | OSD_RST | O | Reset for OSD IC (L : Reset) |
| 121 | OSD_A18 | I/O | Ext. address bus A18 |
| 122 | OSD_A19 | I/O | Ext. address bus A19 |
| 123 | NC | O | NC |
| 124 | PM1_TMOTOR_M | O | Panel mechanism motor control (Tilt) |
| | PM2_TILT_UP | O | NC |
| 125 | VD | I | NAVI detector (Old and new type unit) |
| 126 | PM1_TMOTOR_P | O | Panel mechanism motor control (Tilt) |
| | PM2_TILT_DOWN | O | NC |
| 127 | PM1_SMOTOR_M | O | Panel mechanism motor control (Slide) |
| 128 | VDD1 | - | VDD (BU5V) |
| 129 | PM1_SMOTOR_P | O | Panel mechanism motor control (Slide) |
| 130 | PM1_SWC | I | Panel mechanism slide position detect terminal |
| 131 | GND1 | - | GND |
| 132 | PM1_SWB | I | Panel mechanism slide position detect terminal |
| 133 | PM1_SWA | I | Panel mechanism slide position detect terminal |
| 134 | NC | O | NC |
| 135 | KEY2 | I | Panel key input terminal |
| 136 | VOL- | I | Volume down data input terminal |
| 137 | VOL+ | I | Volume up data input terminal |
| 138 | PM_LPS PM1_LPS1 | I | Panel mechanism tilt voltage detect terminal |
| | PM_LPS PM2_TILT_SENCE | I | NC |
| 139 | PM1_PHOTO1 | I | Panel mechanism slide photo transistor detect terminal |
| 140 | TP_YDATA | I | Touch panel input terminal (Y direction) |
| 141 | TP_XDATA | I | Touch panel input terminal (X direction) |
| 142 | KEY1 | I | Panel key input terminal |
| 143 | ADCVDD | - | VDD (SW5V) |
| 144 | ADCGND | - | GND |

Destination setup terminal

| Model | Type | TYPE3 (115pin) | TYPE2 (114pin) | TYPE1 (113pin) | TYPE0 (112pin) |
|------------|-------------|-------------------|-------------------|-------------------|-------------------|
| KVT-715DVD | K | L | L | L | H |
| KVT-725DVD | E | L | L | H | L |
| KVT-735DVD | M | L | L | H | H |
| KVT-745DVD | X | L | H | L | L |
| KVT-765DVD | C | L | H | L | L |
| KVT-815DVD | K (eXcelon) | L | H | H | L |
| KVT-745DVD | R | L | H | H | H |

DC/DC converter frequency control

| Oscillator | K (530~1700kHz) | E (522~1629kHz) | FSEL1 (79pin) | FSEL2 (80pin) |
|------------|--------------------|--------------------|------------------|------------------|
| 405kHz | | 153~281 | L | L |
| 405kHz | 530~700 | 522~702 | L | L |
| 505kHz | 710~890 | 711~891 | H | L |
| 622kHz | 900 | 900 | L | H |
| 405kHz | 910~1080 | 900~1080 | L | L |
| 622kHz | 1090~1110 | 1089~1116 | L | H |
| 505kHz | 1120~1350 | 1125~1350 | H | L |
| 405kHz | 1360~1440 | 1359~1440 | L | L |
| 622kHz | 1450~1670 | 1449~1629 | L | H |
| 505kHz | 1680~1700 | | H | L |

For except select AM function (fixed FSEL1 : L, FSEL2 : L)

MICROCOMPUTER'S TERMINAL DESCRIPTION

● System Sub Microprocessor : 70F3089YGJ-7R7 (X34: IC103)

| Pin No. | Name | I/O | Description / Processing Operation |
|---------|-------------------|-----|---|
| 1 | NC | I | NC |
| 2 | RDS_NOISE | I | RDS FM noise detect terminal |
| 3 | DC_ERR | I | DC offset voltage detect terminal (L : detect) |
| 4 | LINE_MUTE | I | Line muting detect terminal (TEL muting : Less than 1V, NAVI muting : More than 2.5V) |
| 5 | PORTGND0 | - | GND |
| 6 | AUDIO_SW1_B | O | Audio selector (LX/TV/AVIN) |
| 7 | MUTE_PRE | O | Pre out muting control (L : Muting on) |
| 8 | AUDIO_SW2_A | O | Audio selector (LX/TV/AVIN) |
| 9 | AUDIO_SW2_B | O | Audio selector (LX/TV/AVIN) |
| 10 | AUD_SCL | I/O | IIC bus clock (for IC2-5-2) |
| 11 | AUD_SDA | I/O | IIC bus data (for IC2-5-2) |
| 12 | S_MUTE | O | S-MUTE control (H : Muting on, L : Muting off) |
| 13 | AUDIO_SW1_A | O | Audio selector (LX/TV/AVIN) |
| 14 | RDS_AFS_L | I/O | Time constant selector for noise detector (RDS) |
| 15 | RDS_AFS_M | I/O | Time constant selector for noise detector (RDS) |
| 16 | MUTE_LEFT | O | Hand-hold Lch muting control (L : Muting on) |
| 17 | MUTE_RIGHT | O | Hand-hold Rch muting control (L : Muting on) |
| 18 | VISUAL_SW1_1 | O | Video selector (TV/AVIN/NAVI) |
| 19 | VISUAL_SW1_2 | O | Video selector (TV/AVIN/NAVI) |
| 20 | VISUAL_SW2_1 | O | Video selector (DVD/TV/AVIN) |
| 21 | VISUAL_SW2_2 | O | Video selector (DVD/TV/AVIN) |
| 22 | PORTVDD0 | - | VDD (BU5V) |
| 23 | MUTE_AVOUT | O | Av out muting control (L : Muting on) |
| 24 | NC | O | NC |
| 25 | MUTE_SUBOUT | O | IC2 sub out muting control (L : Muting on) |
| 26 | NC | O | NC |
| 27 | SYS_MREQ | I | Request signal from system main microprocessor |
| 28 | SYS_SREQ | O | Request signal to system main microprocessor |
| 29~32 | NC | O | NC |
| 33 | P_CON | O | Ext. amplifier power control (H : Power on : except all off mode, L : All off or power off) |
| 34 | EXT_CONT | O | Ext. amplifier power control (H : Power on : except all off mode, L : All off or power off) |
| 35 | ANT_CONT | O | Power antenna control (H : Power antenna up, L : Power antenna down) |
| 36 | CLKOUT | O | NC |
| 37 | GND0 | - | GND |
| 38 | CPUREG | - | Coupling capacitor connect terminal |
| 39 | VDD0 | - | VDD (BU5V) |
| 40 | RESET | I | Reset input terminal |
| 41 | MODE/VPP | - | Type selector (Flash : Pull down, Mask : GND) |
| 42 | TV_SDATA TV_SDATA | I | Data from TV unit |
| | TV_SDATA FLASH_SI | I | Use for flash ROM program writing |

MICROCOMPUTER'S TERMINAL DESCRIPTION

| Pin No. | Name | I/O | Description / Processing Operation |
|---------|-------------------|-----|---|
| 43 | TV_MDATA TV_MDATA | O | DATA for TV unit |
| | TV_MDATA FLASH_SO | O | Use for flash ROM program writing |
| 44 | TV_CLK TV_CLK | O | Clock for TV unit |
| | TV_CLK FLASH_CLK | I | Use for flash ROM program writing |
| 45 | SYS_ON | I | Control for power on/off from main microprocessor (H : Hide-way unit on, L : Off) |
| 46 | SYS_MDATA | I | Data from main microprocessor |
| 47 | SYS_SDATA | O | Data for main microprocessor |
| 48 | SYS_MCLK | I | Clock from main microprocessor |
| 49 | PWIC_STBY | O | Audio power IC stand-by control (H : Power on, L : Power off) |
| 50 | NC | O | NC |
| 51 | PWIC_SVR | O | SVR discharge control (H : Discharge) |
| 52 | PWIC_MUTE | O | Audio power IC muting control (L : Muting on or all off) |
| 53 | NC | O | NC |
| 54 | ILLUMI_DET | I | Illumination detect terminal (L : Illumination on) |
| 55,56 | NC | O | NC |
| 57 | BU_DET | I | Backup line voltage detect terminal (H : Reduced voltage less than 8.8V) |
| 58,59 | NC | O | NC |
| 60 | PORTVDD1 | - | VDD (BU5V) |
| 61 | PWIC_BEEP | O | Beep audio output terminal |
| 62 | P_ON | O | Control for AVR (SW5V H : on) |
| 63 | SCL COR_SCL | I/O | Clock for EEPROM (ROM correction) |
| | SCL IC5_SCL | I/O | IIC bus clock (for IC5) |
| 64 | SDA COR_SDA | I/O | Data for EEPROM(ROM correction) |
| | SDA IC5_SDA | I/O | IIC bus data (for IC5) |
| 65 | ES_DSP_SW | O | Select for audio system E's or DSP (H : DSP, L : E's) |
| 66 | BUS_MUTE | O | Bus muting (H : Muting) |
| 67 | MZ_ILL_ON | O | MZ-Bus illumination control (H : Illumination on) |
| 68 | MZ_SYSON | O | MZ-Bus system on control (L : Bus on) |
| 69 | MZ_SYSOFF | O | MZ-Bus system off control (L : Bus off) |
| 70 | XT2 | - | NC |
| 71 | XT1 | | NC |
| 72 | GND2 | - | GND |
| 73 | X1 | | Main clock (18.874MHz) |
| 74 | X2 | - | Main clock (18.874MHz) |
| 75~80 | NC | O | NC |
| 81 | SYS_MUTE | I | Muting control from Main unit microprocessor (L : Request for muting) |
| 82,83 | NC | O | NC |
| 84 | TUN_SDA | I/O | Front-end I2C data input/output terminal |
| 85 | NC | O | NC |
| 86 | TUN_SCL | I/O | Front-end I2C clock output terminal (Max 400kHz) |
| 87,88 | NC | O | NC |

MICROCOMPUTER'S TERMINAL DESCRIPTION

| Pin No. | Name | I/O | Description / Processing Operation |
|---------|-------------|-----|--|
| 89 | MZ_BUS_STBY | O | BUS-IC standby control (L : Standby) |
| 90 | MZ_IERX | I | Data from IE-bus |
| 91 | MZ_IETX | O | Data for IE-bus |
| 92 | PORTGND1 | - | GND |
| 93,94 | NC | O | NC |
| 95 | RGB_SW | O | Select for monitor output (H : NAVI, L : Other) |
| 96 | TV_SREQ | I | Request from TV unit |
| 97~99 | NC | O | NC |
| 100 | TV_MREQ | O | Request for TV unit |
| 101 | TV_CON | O | Start-up control for TV unit (H : TV unit on, L : Off) |
| 102 | PORTVDD2 | - | VDD (BU5V) |
| 103,104 | NC | O | NC |
| 105 | MUTE_ACOUT | O | IC2 sub out muting control (L : Muting on) |
| 106 | NC | O | NC |
| 107 | LX_DATA_S | I | Data from slave unit |
| 108 | LX_DATA_M | O | Data for slave unit |
| 109 | LX_CLK | I/O | LX BUS clock |
| 110 | LX_REQ_S | I | Communication request from slave unit |
| 111 | NAVI_RX | I | Data from NAVI unit |
| 112 | NAVI_TX | O | Control data to NAVI unit |
| 113 | NC | O | NC |
| 114 | REMO | I | Remote control sensor input terminal |
| 115 | LX_REQ_M | O | Communication request for slave unit |
| 116 | LX_RST | O | Reset for slave unit (H : Reset) |
| 117 | LX_MUTE | I | Muting signal request from slave unit (H : Muting on, L : Off) |
| 118 | LX_CON | O | Start-up control for slave unit (H : Slave unit on, L : Off) |
| 119 | NC | O | NC |
| 120 | VSYNC_DET | I | V sync input terminal |
| 121,122 | NC | O | NC |
| 123 | RDS_DATA | I | DATA input terminal (for RDS decoder) |
| 124 | RDS_QUAL | I | QUAL input terminal (for RDS decoder) |
| 125 | RDS_CLK | I | CLK input terminal (for RDS decoder) |
| 126 | NC | O | NC |
| 127 | PON_AM | O | Control for AM power supply (H : Select for AM) |
| 128 | VDD1 | - | VDD (BU5V) |
| 129 | TUN_TYPE0 | I | Destination setup terminal |
| 130 | TUN_TYPE1 | I | Destination setup terminal |
| 131 | GND1 | - | GND |
| 132 | WRT_E2P | I | Writing control from ext. input (H : Writing, L : Except) |
| 133 | VSYNC_SW | O | AVIN NTSC/PAL detector/AVIN2 auto detector |
| 134 | MUTE_SW | O | Sub woofer muting control (L : Muting on) |

MICROCOMPUTER'S TERMINAL DESCRIPTION

| Pin No. | Name | I/O | Description / Processing Operation |
|---------|-------------|-----|---|
| 135 | TUN_SMETER | I | S-meter input terminal |
| 136 | TUN_IFC_OUT | I | Front-end IFC signal input terminal (H : Receiving for broadcasting, L : Other) |
| 137~140 | TYPE0~TYPE3 | I | Destination setup terminal |
| 141,142 | NC | I | NC |
| 143 | ADCVDD | - | VDD (BU5V) |
| 144 | ADCGND | - | GND |

TUN_Type0, TUN_Type1

| Model | TUN_TYPE0 (129pin) | TUN_TYPE1 (130pin) |
|-------|--------------------|--------------------|
| AFTER | L | L |
| OEM1 | L | H |
| OEM2 | H | L |
| OEM3 | H | H |

Video selector (BA7652AF)

| VISUAL_SW1_1 (18pin) | VISUAL_SW1_2 (20pin) | OUTPUT | |
|-------------------------|-------------------------|---------|------|
| L | L | IN1 | TV |
| H | L | IN2 | AVIN |
| L | H | IN3 | NAVI |
| H | H | *MUTING | - |

Type0~Type3

| Model | Type | TYPE3 (140pin) | TYPE2 (139pin) | TYPE1 (138pin) | TYPE0 (137pin) |
|------------|-------------|-------------------|-------------------|-------------------|-------------------|
| KVT-715DVD | K | L | L | L | H |
| KVT-725DVD | E | L | L | H | L |
| KVT-735DVD | M | L | L | H | H |
| KVT-765DVD | C | L | H | L | L |
| KVT-745DVD | X | L | H | L | H |
| KVT-815DVD | K (eXcelon) | L | H | H | L |
| KVT-745DVD | R | L | H | H | H |

Video selector (BA7612F)

| VISUAL_SW2_1 (19pin) | VISUAL_SW2_2 (21pin) | OUTPUT | |
|-------------------------|-------------------------|---------|------|
| L | L | IN1 | DVD |
| L | H | IN2 | TV |
| H | L | IN3 | AVIN |
| H | H | *MUTING | - |

* Muting is ON when select for full OSD mode.

Muting OFF when switched OSD to normal mode.

Audio selector

| AUDIO_SW1_A (13pin) | AUDIO_SW1_B (6pin) | OUTPUT | |
|---------------------|--------------------|--------|------|
| L | L | IN3 | NC |
| H | L | IN2 | AVIN |
| L | H | IN1 | TV |
| H | H | IN0 | LX |

| AUDIO_SW2_A (8pin) | AUDIO_SW2_B (9pin) | OUTPUT | |
|--------------------|--------------------|--------|------|
| L | L | IN3 | NC |
| H | L | IN2 | AVIN |
| L | H | IN1 | TV |
| H | H | IN0 | NC |

LX clock setting

| 9kHz STEP | 10kHz STEP | LX-CLK |
|--------------------|--------------------|---------|
| AM frequency (kHz) | AM frequency (kHz) | (kHz) |
| 594~639 | 590~640 | 115.1 |
| 846~891 | 850~890 | 117.963 |
| 1089~1143 | 1090~1140 | 117.963 |
| 1341~1395 | 1340~1390 | 117.963 |
| 1593~1611 | 1590~1640 | 117.963 |

* LX-CLK setting are 124.171kHz (other source, AM seek, with out above table AM tuning).

TEST MODE

● How to enter the test mode

While pressing and holding the Eject key and SRC key, reset the unit.

● How to exit from the test mode

While holding the Reset key, reset the unit.

Note : Turning ACC off, power off, momentary powers down are does not exit for the test mode.

● Test mode operation

- Source selector : VIDEO
Each press of the V SEL key in TEST mode should switch from VIDEO→NAVIGATION→DVD→VIDEO
- Volume : STEP 30
- Switching for Video detector or Test mode main menu (for FNC key on)
- Microprocessor information
- Information for service menu / Serial code writing *
- Chroma adjustment *
- Writing value for LCD panels touch position adjustment *
- Display position adjustment *
- Security code writing (E,M,X,C type only) *

You must adjustment for * mark function when you repaired for IC200 (X14-939 : Video control unit).

● Simple way to clear the security code (without E,M,X,C type)

1) How to enter the security code entry

While pressing the Reset key when unit is security on mode.

2) Enter, "KCAR" with the remote controller as described below.

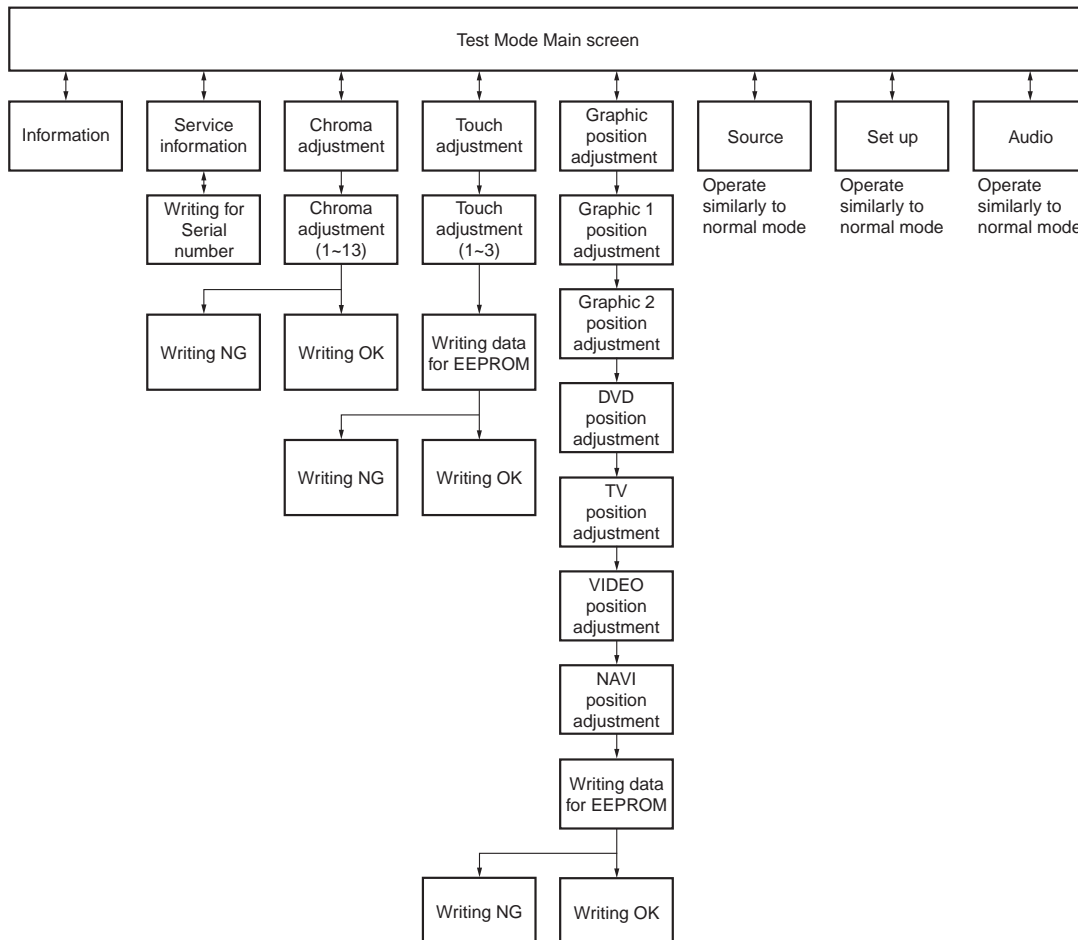
- Press the remote controller 5 key twice. (Enters a "K")
- Press the remote controller 2 key three times. (Enters a "C")
- Press the remote controller 2 key once. (Enters an "A")
- Press the remote controller 7 key twice. (Enters an "R")

Code request mode appears if a mistake was made in entering the numbers.

3) Security function is canceled and unit sets to Menu display mode.

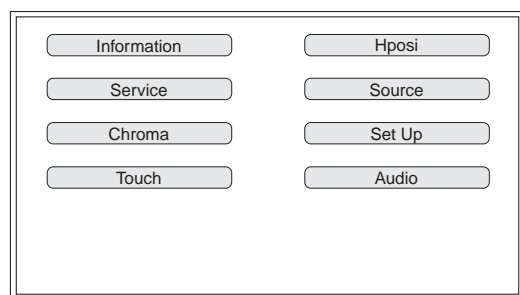
● Specification of test mode on-screen

Default display is Test mode Main when selected graphic display mode that in the test mode.



TEST MODE

● Test mode Main



• Key specification

Information : Change to Information screen

Service : Change to service information screen

Chroma : Change to Chroma adjustment screen

Touch : Change to Panel Touch adjustment screen

Hposi : Change to horizontal position adjustment screen

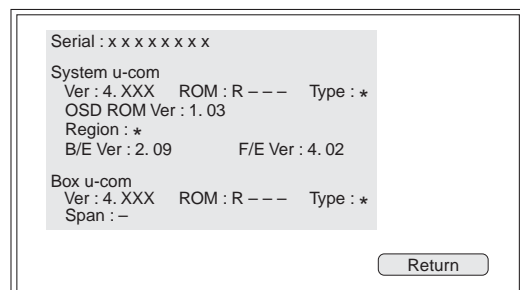
Source : Change to source screen

Setup : Change to setup screen

Audio : Change to audio screen

● Information screen

Display for microprocessor, serial number and DVD region code information.



• Key specification

Return : Change to Test Mode Main screen

● Service information screen

Display of service information data and initialization for the unit.

Initialized Chroma adjustment data.

Display of DC offset voltage detect information. (for audio power amp)



• Key specification

Init : Select for initialization item

START : Initialization data when while pressing and holding about 2 second any more.

SERIAL : Change to Serial number input screen

CLEAR : EEPROM data cleared.

RTN : Change to Test Mode Main screen

• Adjustments procedure

1) Select for Init key when you wont initialized data.

2) While pressing and holding START key about 1 second any more.

3) DC offset information

DC offset detect information for the display

None : Not detected (normal), Detect : Detected

4) Initialized DC offset information

While pressing and holding the Eject key and Volume down key, reset the unit.

TEST MODE

● Writing Serial number data screen

Serial data writing for each unit.

1) Serial number input screen

• Key specification

0~9 : 10key use for serial number

Clear : Clear for on entry serial number data.

Cancel : Change to Service information screen

2) Serial number writing screen

• Key specification

Enter : Writing for serial number data for the unit (Complete : Writing OK, NG : Miss writing)

Press to cancel key when exit this function.

You can try again adjustment when if appears on serial number write NG.

Clear : Clear for on entry serial number data

Cancel : Change to Service information screen

● Chroma adjustment screen

Chroma IC adjustment uses an accessory remote controller.

(The selector of the remote controller is set the Audio mode)

Initialized Chroma adjustment data. (for service information screen)

• Key specification (for remote controller)

DIRECT : Chroma adjustment mode on/off (EEPROM Writing)

PLAY/PAUSE : Chroma adjustment value fixed/cancel

7 (10 key) : Chroma adjustment (previous)

8 (10 key) : Chroma adjustment value change (up)

9 (10 key) : Chroma adjustment (reverse)

0 (10 key) : Chroma adjustment value change (down)

• Adjustment item

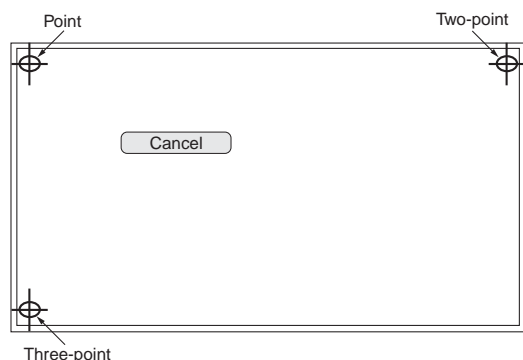
| | | | |
|-----|------|------------------|---------------|
| 1. | CH16 | : VCO freerun | value 00h~FFh |
| 2. | CH6 | : Bright | value 00h~FFh |
| 3. | CH13 | : Contrast | value 00h~FFh |
| 4. | CH5 | : Black limiter | value 00h~7Fh |
| 5. | CH10 | : White limiter | value 00h~7Fh |
| 6. | CH2 | : Y gain | value 00h~FFh |
| 7. | CH11 | : Gamma1 | value 00h~FFh |
| 8. | CH12 | : Gamma2 | value 00h~FFh |
| 9. | CH8 | : R sub bright | value 00h~FFh |
| 10. | CH9 | : B sub bright | value 00h~FFh |
| 11. | CH14 | : R sub contrast | value 00h~FFh |
| 12. | CH15 | : B sub contrast | value 00h~FFh |
| 13. | CH1 | : VCOM | value 00h~FFh |

TEST MODE

● Touch adjustment screen

Key touch position correction adjustment for the Touch panel. Adjust to 3-point position on the touch panel. The unit come to adjustment is complete when you can get EEPROM OK appear on the screen.

1) Input touch position data



- Key specification

Cancel :

Input touch position data (point) : Change to Test Mode Main screen

Other : Change to Input touch position function (for point)

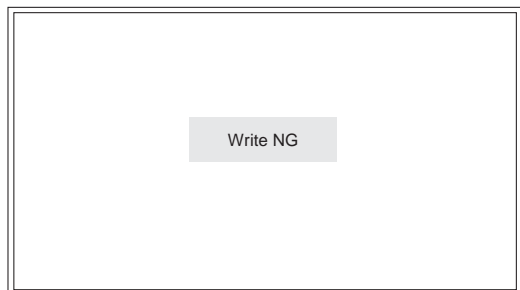
2) Writing OK screen



- Key specification

Return : Change to Test Mode Main screen

3) Writing NG screen

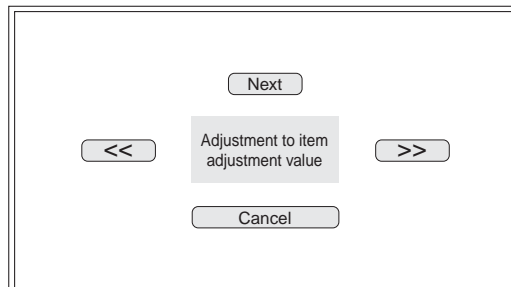


You can try again adjustment when if appears on EEPROM write NG.

● H position adjustment

Adjusting Horizontal position for each video input source.

1) Graphic HPOS1 adjustment



- Key specification

CANCEL : Change to Test Mode Main screen

>> : Display position moving to right side

<< : Display position moving to left side

NEXT : Next video source adjustment or writing data for EEPROM (at the end of NAVI adjustment)

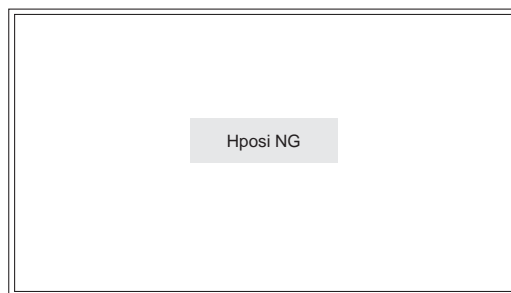
2) Writing OK screen



- Key specification

Return : Change to Test Mode Main screen

3) Writing NG screen



You can try again adjustment when If appear on EEPROM write NG.

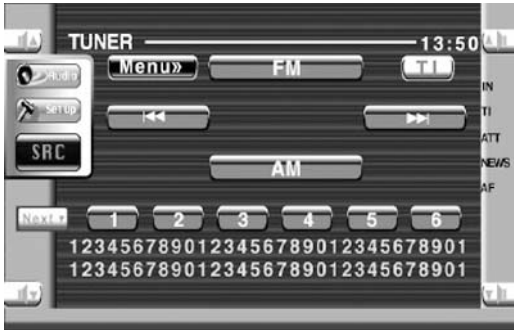
TEST MODE

● Source screen

Operate similarly to normal mode.

But change to Test Mode Main screen when press to setup and audio keys.

Change to Test Mode Main screen.



● Audio screen

Operate similarly to normal mode.

But change to Test Mode Main screen when press to SRC and setup keys.

Change to Test Mode Main screen.



● Setup screen

Operate similarly to normal mode.

But change to Test Mode Main screen when press to SRC and audio keys.

Change to Test Mode Main screen.



● Security code writing (E,M,X,C type only)

Security code writing for the unit that control for pair with serial number.

1) How to enter to writing security code

1. Press to Security key when test mode setup screen.
2. Press to Set key When appear on display that security data memory is blank.
3. Security code input to same as normal mode and press to Enter Key on.

Caution : You must security code writing for the unit when control for pair with serial number.

Complete : Writing OK, Writing NG

You can try again adjustment when if appears on writing NG.

Setup Menu screen



Calling security screen



Writing security code screen



ADJUSTMENT

● Video Adjustment (X14-939, X35-428)

* VIDEO adjustments use an accessory remote controller. (The selector of the remote controller is set the Audio mode).

1. Enter the test mode : While pressing and holding the Eject key and SRC key, reset the unit.
2. The main menu screen of the test mode is operated and changed to the chroma IC adjustment mode.
In this time, adjustment value appears on the displayed (lower right position).
3. Adjustment value is changed with 8 and 0 key (10 key) for remote controller.

4. Pressing PLAY/PAUSE key is fixed adjustment value of each item. If you can cancel adjustment value, press again PLAY/PAUSE key.
5. Different item is chosen for 7 and 9 key (key) for remote controller. All item adjustment for step 3 to 5.
6. If all chroma adjustment is finished, pressing DIRECT key that adjustment value is written in EEPROM memory.
Exit for adjustment mode when writing for EEPROM.

| No. | Adjustment item | Measurement point | Adjustment part | Adjustment value | Measuring instrument |
|-----|------------------|--|---------------------|---|----------------------|
| 1 | VCO Free run | TP307A | VR301 (X35-4280) | Adjust VR301 so that HSY (IC301 9pin) frequency is set to 15,734kHz±10Hz (NTSC type), 15,625kHz±10Hz (PAL type). | Frequency counter |
| 2 | Chroma VCO | IC303 32PIN | TEST mode CH16 | NTSC : 15.734kHz±50Hz, PAL : 15.625±50Hz Connect the TP-HD (R328 between R383) and TP-VD (R380 between R381) between to GND line. | Frequency counter |
| 3 | BRIGHT | CN850 59pin (G OUT) | TEST mode CH6 | Adjust the amplitude value so that the waveform between the 1 step signal to the negative 1 step signal is 3.2V±0.05V. | Oscilloscope |
| 4 | CONTRAST | CN850 59pin (G OUT) | TEST mode CH13 | Adjust the amplitude value so that the waveform between the 8 step signal to the negative 8 step signal is 3.0V±0.05V. | Oscilloscope |
| 5 | BLACK LIMITER | CN850 59pin (G OUT) | TEST mode CH5 | Fixed in adjustment value is 7F. | Oscilloscope |
| 6 | WHITE LIMITER | CN850 59pin (G OUT) | TEST mode CH10 | Fixed in adjustment value is 7F. | Oscilloscope |
| 7 | Y GAIN | CN850 59pin (G OUT) | TEST mode CH2 | Adjust the amplitude value so that the waveform between the pedestal to the 9 step signal is 2.45V±0.05V. | Oscilloscope |
| 8 | GAMMA1 | CN850 59pin (G OUT) | TEST mode CH11 | Adjust the amplitude value so that the waveform between the pedestal to the 2 step signal is 1.1V±0.05V. | Oscilloscope |
| 9 | GAMMA2 | CN850 59pin (G OUT) | TEST mode CH12 | Adjust the amplitude value so that the waveform between the pedestal to the 10 step signal is 3.4V±0.05V. | Oscilloscope |
| 10 | R SUB BRIGHT | CN850 59pin (G OUT) CN850 58pin (R OUT) | TEST mode CH8 | 1. Connect the oscilloscope to 58pin and 59pin between GND line. 2. It is adjusted so that red signal level bigger 0.1V±0.05V than green signal (for 1step signal). | Oscilloscope |
| 11 | B SUB BRIGHT | CN850 59pin (G OUT) CN850 60pin (B OUT) | TEST mode CH9 | 1. Connect the oscilloscope to 60pin and 59pin between GND line. 2. It is adjusted so that blue signal level bigger 0.1V±0.05V than green signal (for 1step signal). | Oscilloscope |

ADJUSTMENT

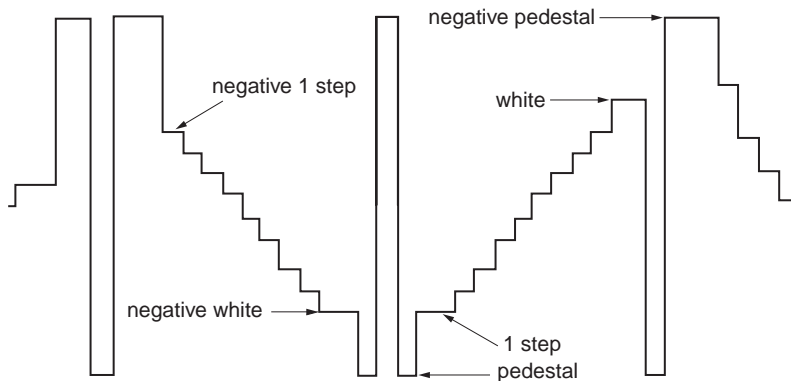
| No. | Adjustment item | Measurement point | Adjustment part | Adjustment value | Measuring instrument |
|-----|-----------------|--|---------------------|---|---|
| 12 | R SUB CONTRAST | CN850 59pin (G OUT) CN850 58pin (R OUT) | TEST mode CH14 | 1. Connect the oscilloscope to 58pin and 59pin between GND line. 2. It is adjusted so that red signal level bigger $0.1V \pm 0.05V$ than green signal (for 9step signal). | Oscilloscope |
| 13 | B SUB CONTRAST | CN850 59pin (G OUT) CN850 60pin (B OUT) | TEST mode CH15 | 1. Connect the oscilloscope to 60pin and 59pin between GND line. 2. It is adjusted so that blue signal level bigger $0.1V \pm 0.05V$ than green signal (for 9step signal). | Oscilloscope |
| 14 | VCOM | CN850 39pin | TEST mode CH1 | Adjust the amplitude value so that VCOM square wave is $2.25V \pm 0.05V$ | Oscilloscope |
| 15 | FLICKER | DISPLAY | VR203 (X35-4280) | 1. Confirm there is no flickering (display mode : zoom). 2. If the flickering is recognized, adjust VR203 so that the flicker level will be the minimum. | Oscilloscope Input signal : gray (30~50% white) |

Input video signal : 10 step video signal (NTSC 1.0Vp-p)

Oscilloscope range : 500mV/DIV AC

Note : When the LCD ASSY or the touch panel switch ASSY is replaced, X14- and X35- Circuit, Touch panel and Start position is adjusted together for test mode.

The definition of video signal and pedestal signal



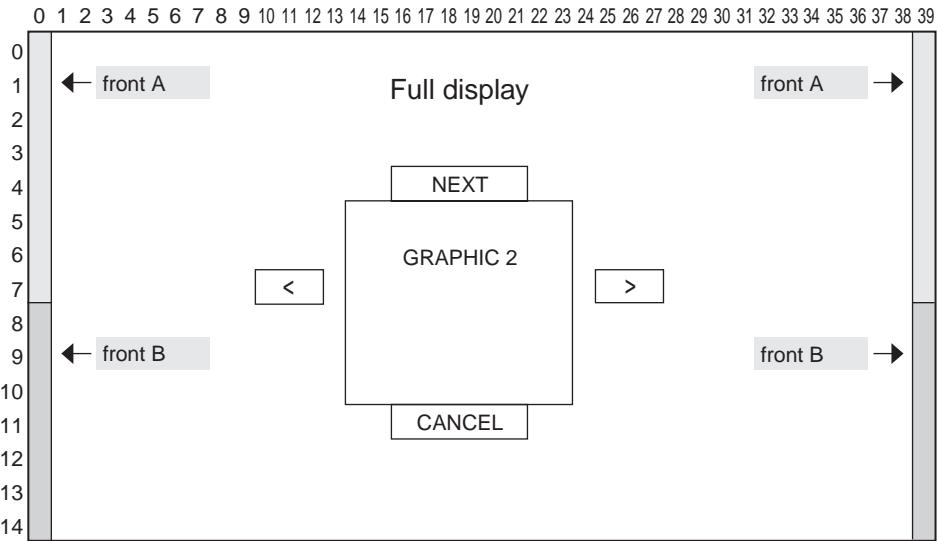
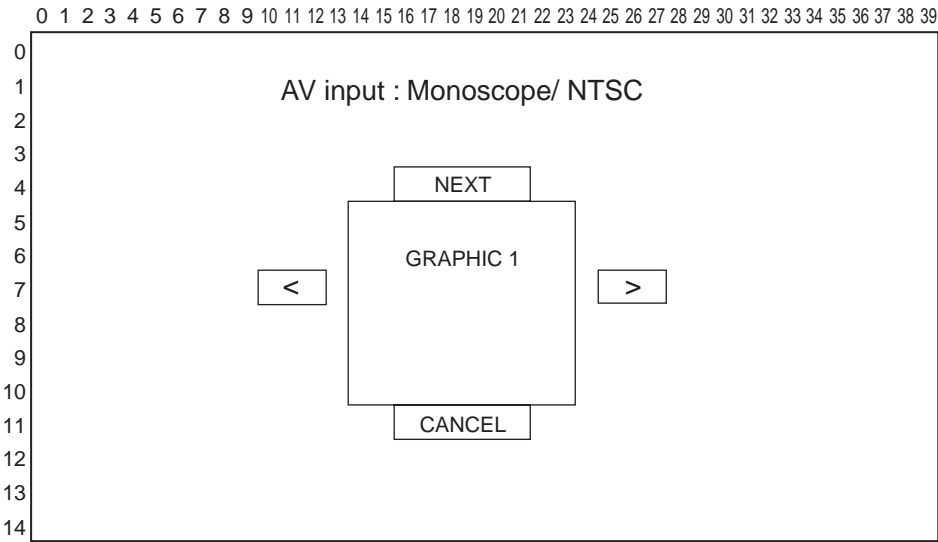
ADJUSTMENT

● Start position adjustment (for LCD display)

1. HPOSI key is pushed on the test mode for main screen, and adjusted with <<, >> keys so that the screen may become left and right side is equality (GRAPHIC1 screen).

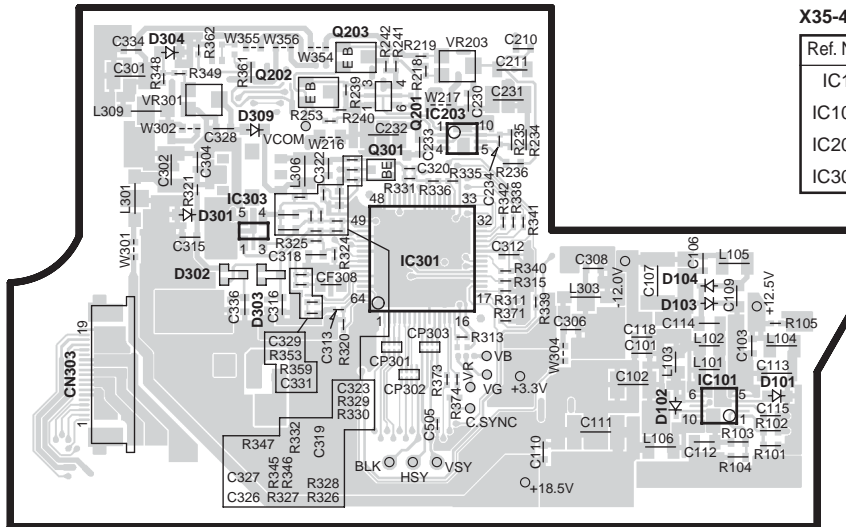
2. NEXT key is pushed and changed to GRAPHIC2 screen. TC1 (X14-939) is adjusted so that the screen may become left and right side is equality.
3. Each source (DVD/TV/AV IN/NAVI) is adjusted. If all source adjustment is finished, adjustment data are written in EEPROM.

4. Finally return key is pushed that exit for adjustment mode.



PC BOARD (COMPONENT SIDE VIEW)

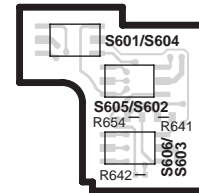
VIDEO UNIT X35-4280-01 A/3 (J74-1506-32)



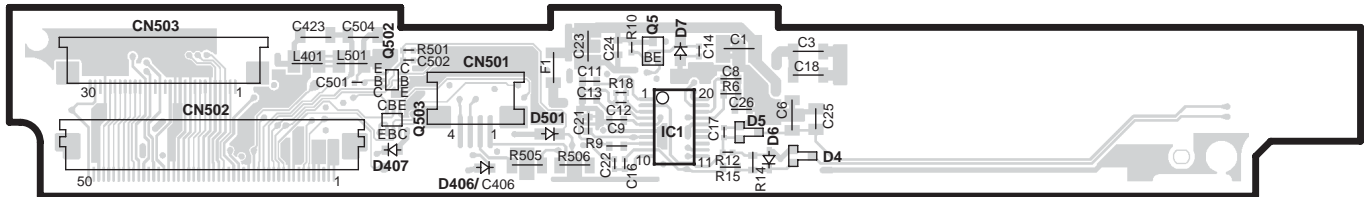
X35-4280-01

| Ref. No. | Address | Ref. No. | Address | Ref. No. | Address |
|----------|---------|----------|---------|----------|---------|
| IC1 | 4C | IC303 | 2B | Q203 | 1B |
| IC101 | 3C | Q5 | 3C | Q301 | 2B |
| IC203 | 2B | Q201 | 2B | Q502 | 3B |
| IC301 | 2B | Q202 | 2B | Q503 | 4B |

X35 C/3



X35 B/3



Refer to the schematic diagram for the values of resistors and capacitors.

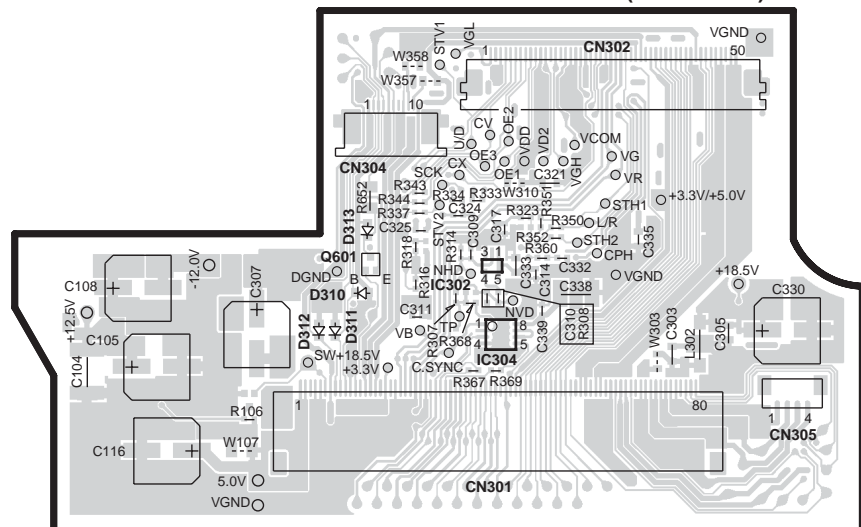
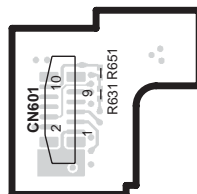
(FOIL SIDE VIEW)

VIDEO UNIT X35-4280-01 A/3 (J74-1506-32)

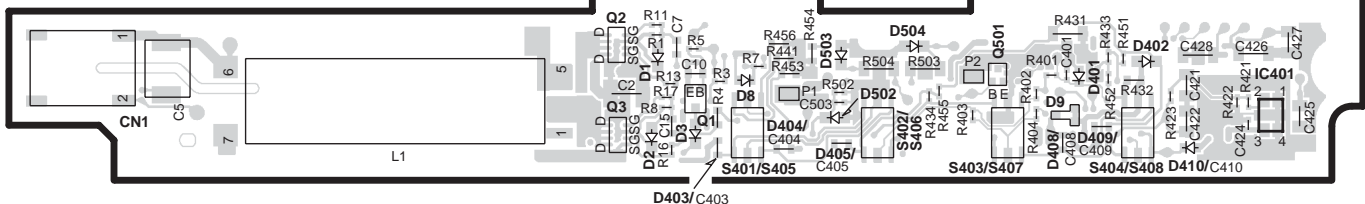
X35-4280-01

| Ref. No. | Address | Ref. No. | Address |
|----------|---------|----------|---------|
| IC302 | 5D | Q2 | 7C |
| IC304 | 6D | Q3 | 7C |
| IC401 | 7E | Q501 | 7D |
| Q1 | 7C | Q601 | 5C |

X35 C/3

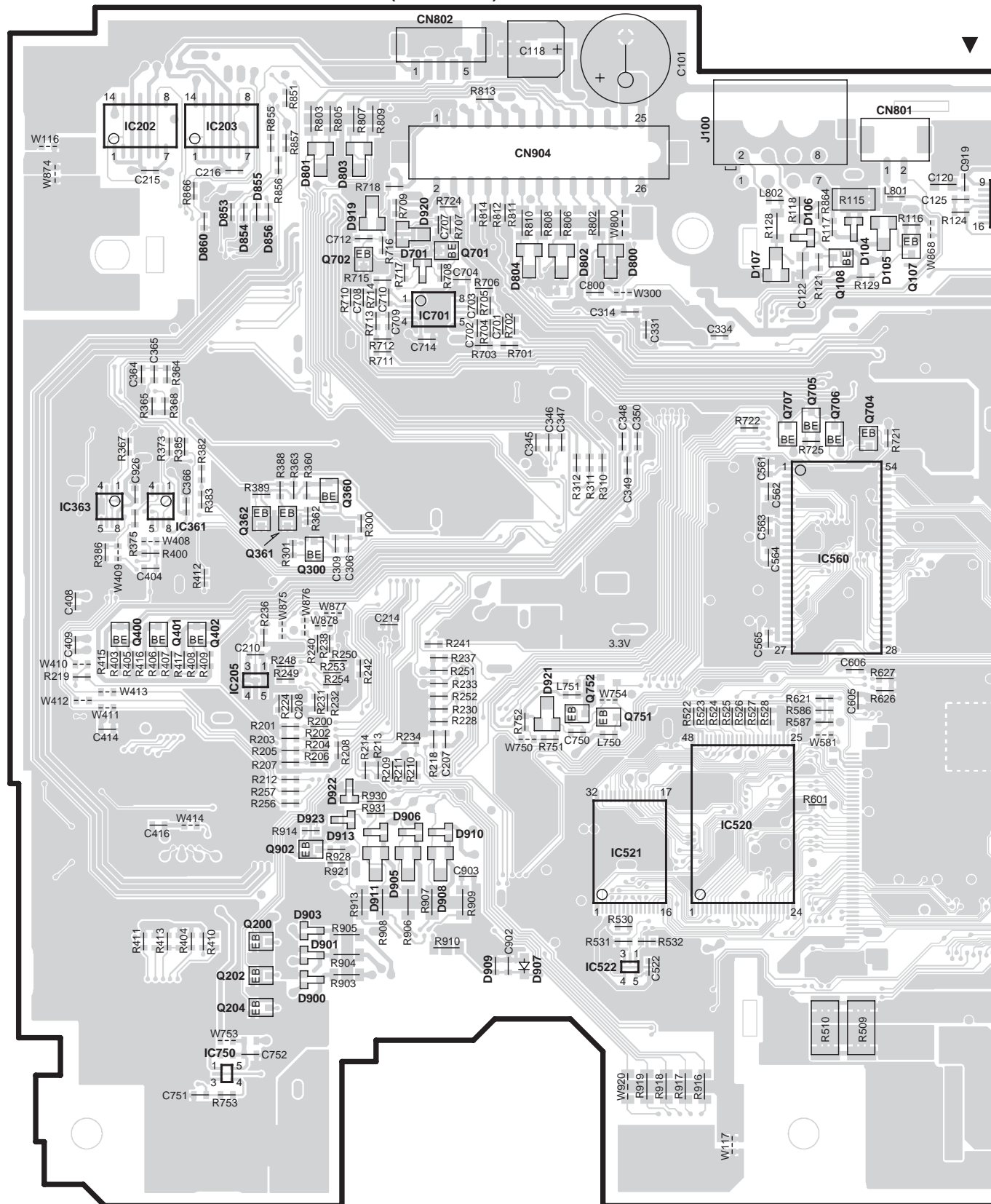


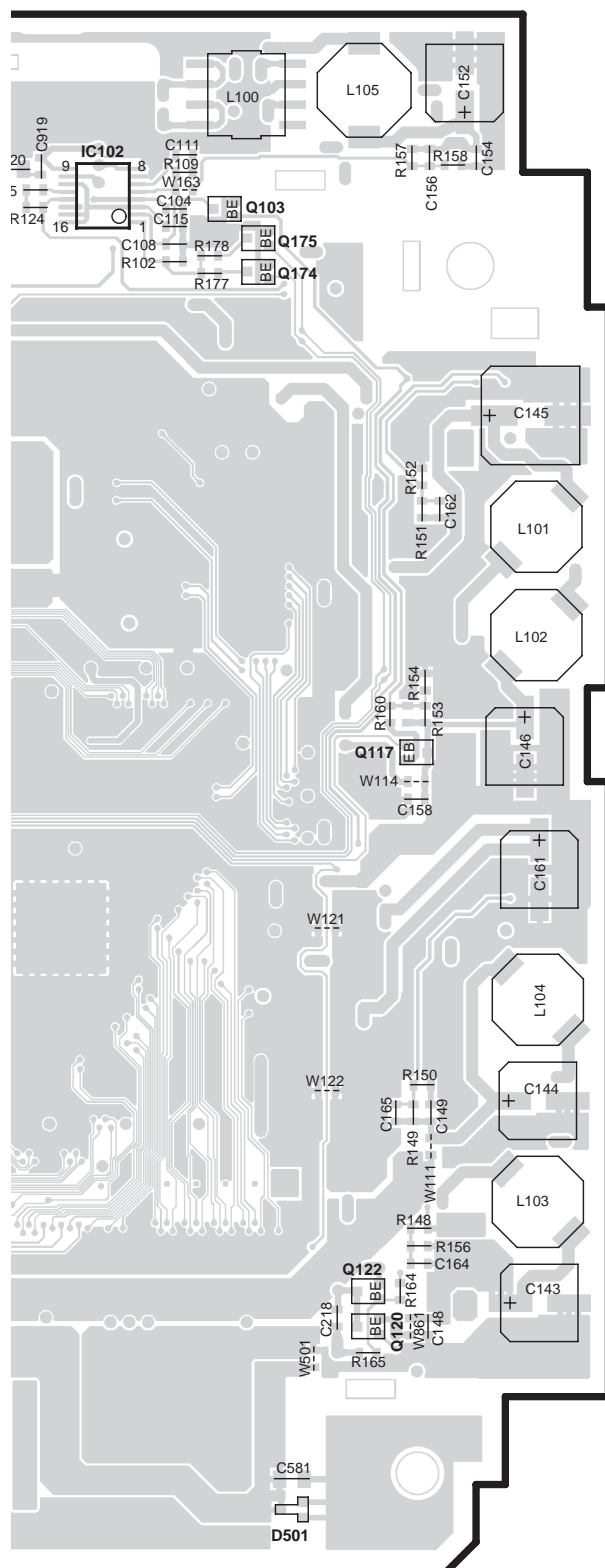
X35 B/3



PC BOARD (COMPONENT SIDE VIEW)

VIDEO CONTROL UNIT X14-939x-xx (J74-1614-32)

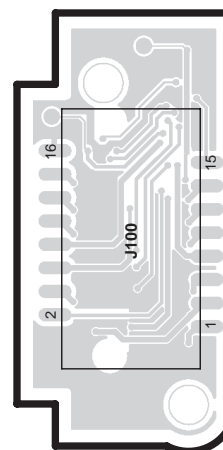


SUB CIRCUIT UNIT
X16-2630-xx A/2
(J74-1615-12)

X14-939x-xx

| Ref. No. | Address |
|----------|---------|
| IC102 | 2K |
| IC202 | 2F |
| IC203 | 2G |
| IC205 | 4G |
| IC361 | 4G |
| IC363 | 4F |
| IC520 | 5I |
| IC521 | 5I |
| IC522 | 6I |
| IC560 | 4J |
| IC701 | 3H |
| Q103 | 2K |
| Q107 | 3J |
| Q108 | 3J |
| Q117 | 4L |
| Q200 | 6G |
| Q202 | 6G |
| Q204 | 6G |
| Q300 | 4G |
| Q360 | 4G |
| Q361 | 4G |
| Q362 | 4G |
| Q400 | 4F |
| Q401 | 4G |
| Q402 | 4G |
| Q701 | 2H |
| Q702 | 3G |
| Q704 | 3J |
| Q705 | 3J |
| Q706 | 3J |
| Q707 | 3J |
| Q751 | 5I |
| Q752 | 4I |
| Q902 | 5G |

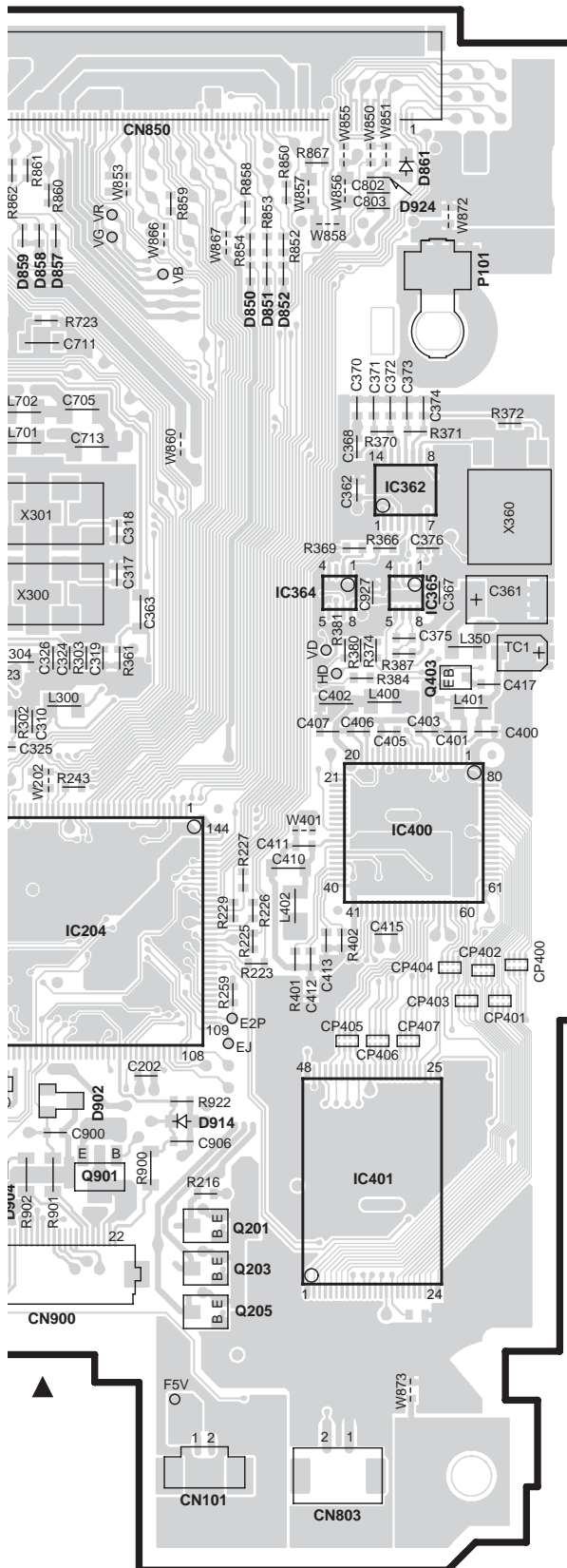
X16 B/2



X16-2630-xx

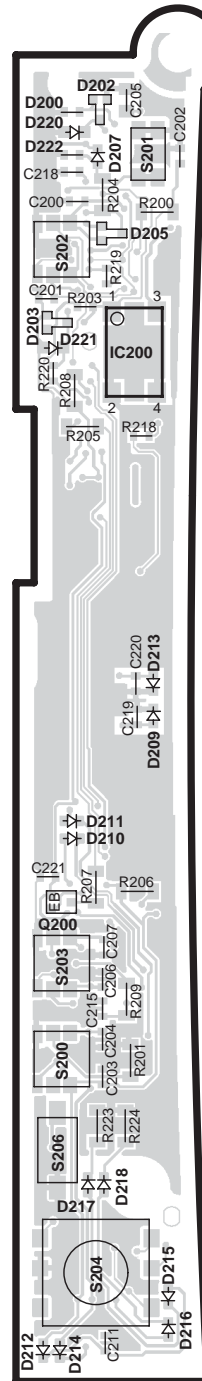
| Ref. No. | Address |
|----------|---------|
| Q201 | 5O |
| Q202 | 5O |
| Q203 | 5O |
| Q204 | 5O |





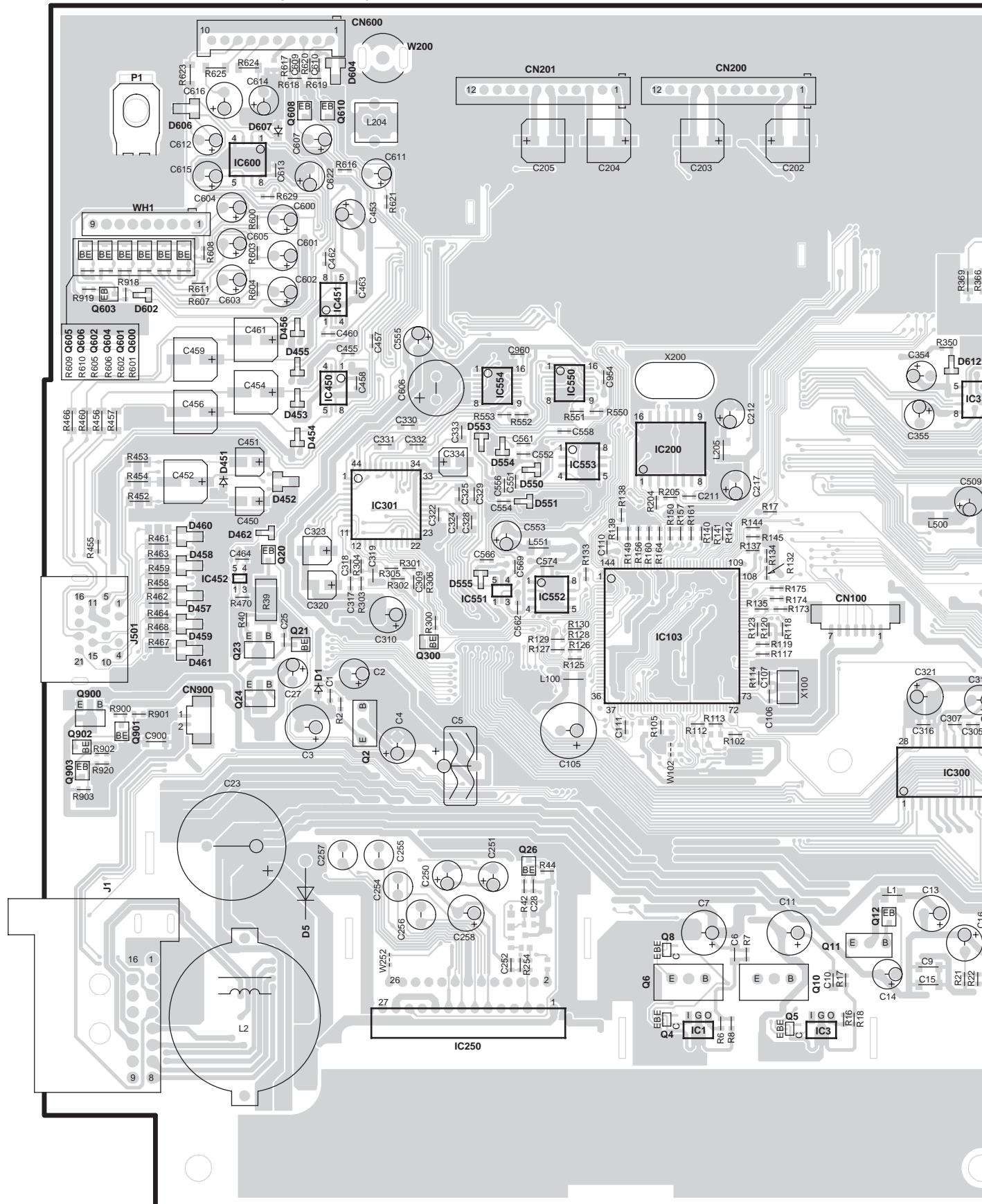
X14-939x-xx

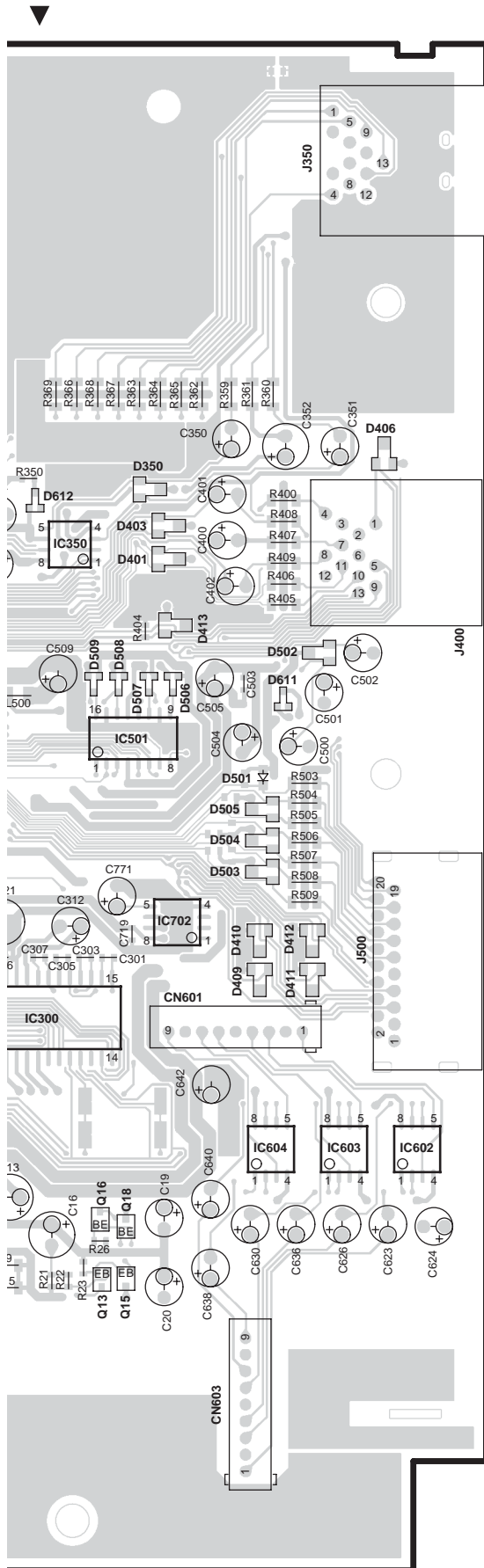
| Ref. No. | Address |
|----------|---------|
| IC100 | 5P |
| IC101 | 3P |
| IC103 | 2T |
| IC104 | 2T |
| IC105 | 2T |
| IC106 | 4Q |
| IC107 | 4S |
| IC108 | 5Q |
| IC200 | 6S |
| IC204 | 5U |
| IC206 | 5S |
| IC207 | 5T |
| IC300 | 4S |
| IC301 | 3T |
| IC302 | 3S |
| IC303 | 4T |
| IC304 | 3S |
| IC305 | 4S |
| IC362 | 3V |
| IC364 | 3V |
| IC365 | 3V |
| IC400 | 4V |
| IC401 | 5V |
| IC540 | 4S |
| IC541 | 4S |
| IC580 | 6R |
| IC601 | 5R |
| IC650 | 3R |
| IC651 | 4P |
| IC652 | 4Q |
| IC702 | 3R |
| IC770 | 5S |
| Q100 | 2S |
| Q101 | 4Q |
| Q102 | 3Q |
| Q104 | 2T |
| Q105 | 2T |
| Q106 | 2S |
| Q109 | 5P |
| Q110 | 4P |
| Q111 | 2R |
| Q112 | 4S |
| Q118 | 2Q |
| Q119 | 2P |
| Q201 | 6U |
| Q203 | 6U |
| Q205 | 6U |
| Q206 | 4T |
| Q207 | 5S |
| Q403 | 4V |
| Q650 | 3R |
| Q652 | 3R |
| Q703 | 3R |
| Q901 | 5U |

SUB CIRCUIT UNIT
X16-2630-xx A/2
(J74-1615-12)

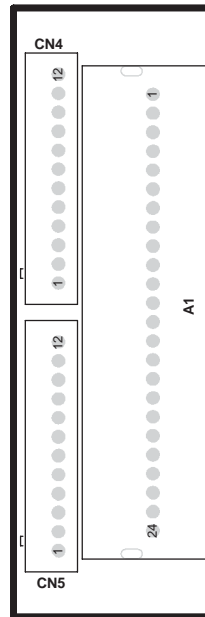
PC BOARD (COMPONENT SIDE VIEW)

ELECTRIC UNIT X34-315x-xx A/2 (J74-1613-12)

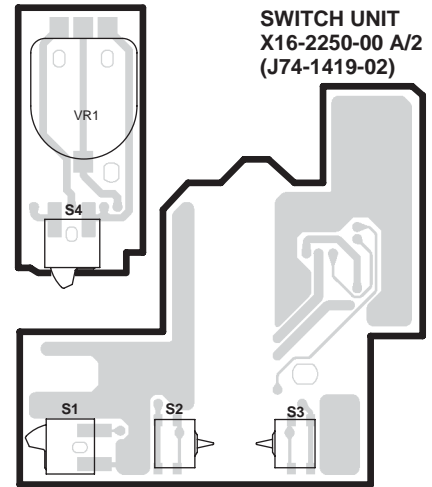




X34 B/2



X16 B/2



X34-315x-xx

| Ref. No. | Address | Ref. No. | Address |
|----------|---------|----------|---------|
| IC1 | 6AC | Q10 | 6AD |
| IC3 | 6AD | Q11 | 6AD |
| IC103 | 4AC | Q12 | 6AD |
| IC200 | 3AC | Q13 | 6AE |
| IC250 | 6AB | Q15 | 6AE |
| IC300 | 5AD | Q16 | 6AE |
| IC301 | 4AB | Q18 | 6AE |
| IC350 | 3AE | Q20 | 4AA |
| IC450 | 3AA | Q21 | 4AA |
| IC451 | 3AA | Q23 | 4AA |
| IC452 | 4AA | Q24 | 5AA |
| IC501 | 4AE | Q26 | 5AB |
| IC550 | 3AB | Q300 | 4AB |
| IC551 | 4AB | Q600 | 3Z |
| IC552 | 4AB | Q601 | 3Z |
| IC553 | 4AC | Q602 | 3Z |
| IC554 | 3AB | Q603 | 3Z |
| IC600 | 2AA | Q604 | 3Z |
| IC602 | 6AF | Q605 | 3Z |
| IC603 | 6AF | Q606 | 3Z |
| IC604 | 6AF | Q608 | 2AA |
| Q2 | 5AA | Q610 | 2AA |
| Q4 | 6AC | Q900 | 5Z |
| Q5 | 6AD | Q901 | 5Z |
| Q6 | 6AC | Q902 | 5Z |
| Q8 | 6AC | Q903 | 5Z |

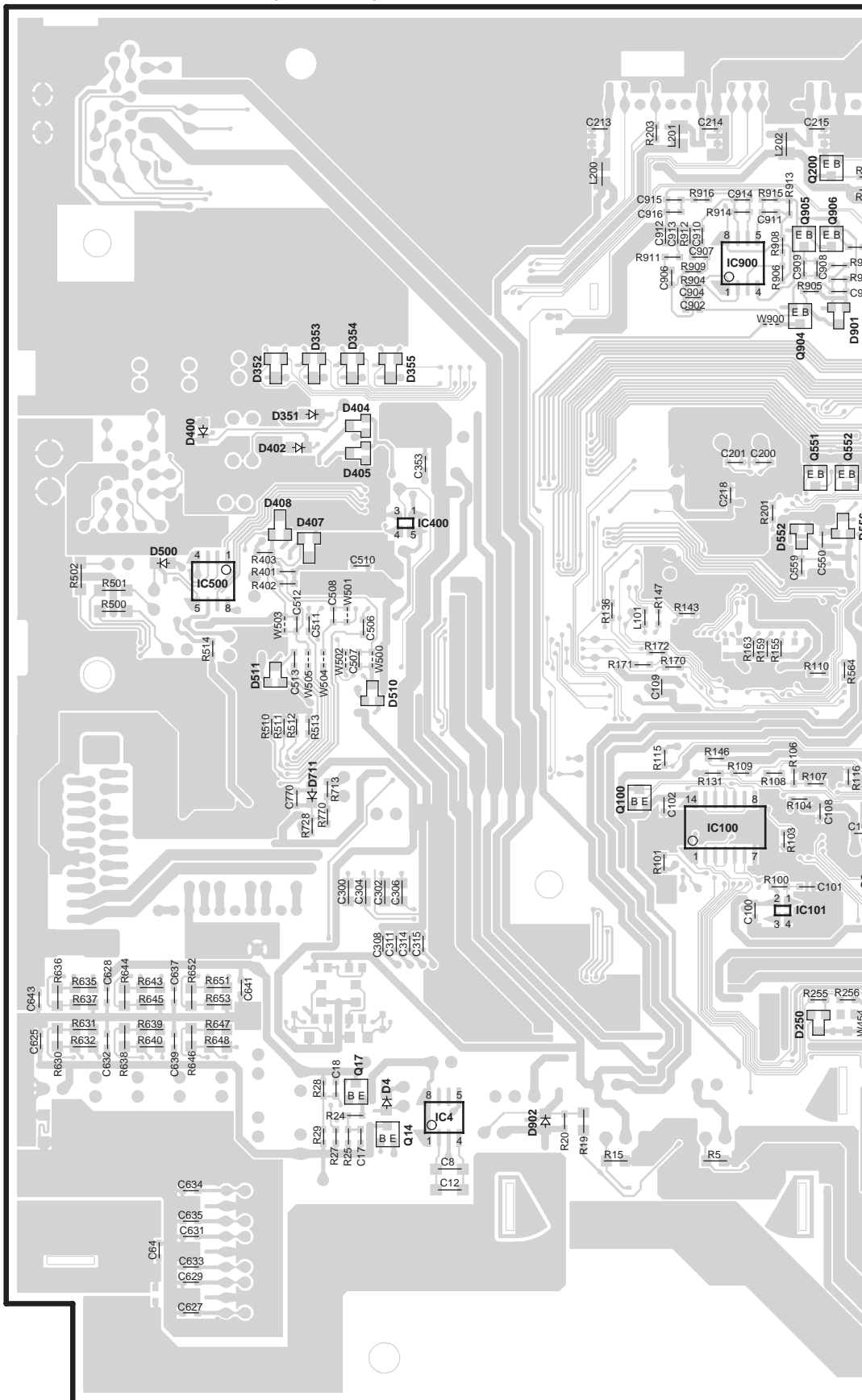
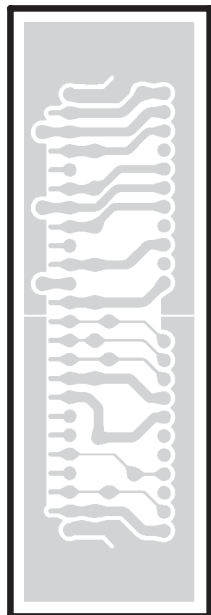
Refer to the schematic diagram for the values of resistors and capacitors.

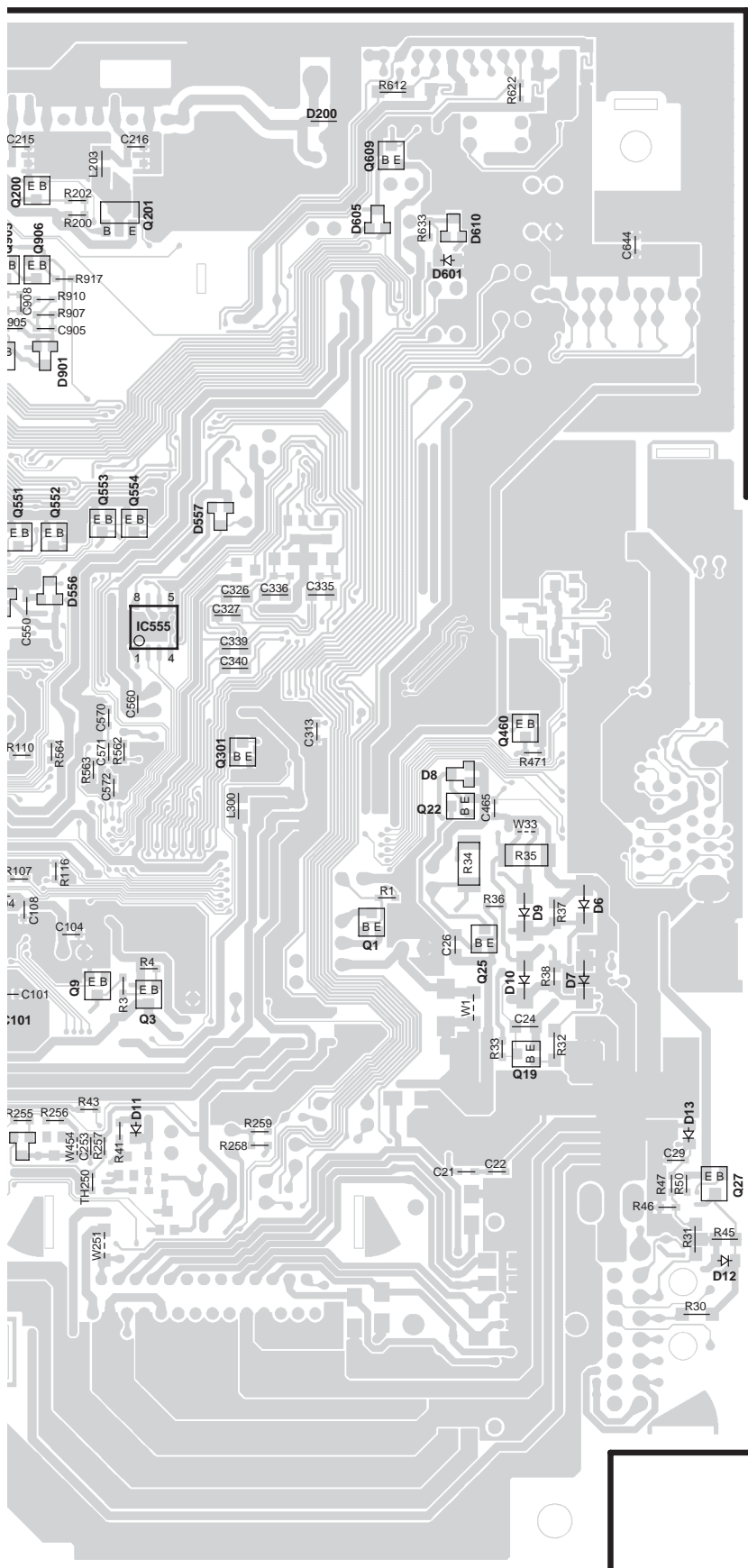
KVT-715DVD,725DVD/-B,735DVD
KVT-745DVD,765DVD,815DVD

PC BOARD (FOIL SIDE VIEW)

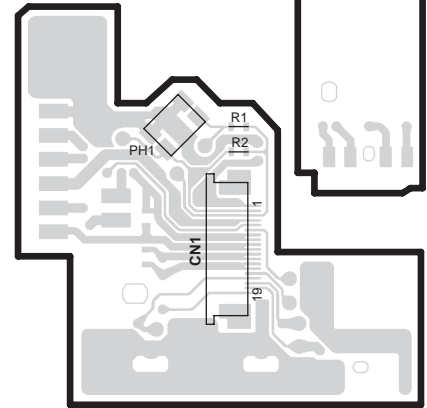
X34 B/2

ELECTRIC UNIT X34-315x-xx A/2 (J74-1613-12)





X16 B/2

SWITCH UNIT
X16-2250-00 A/2
(J74-1419-02)

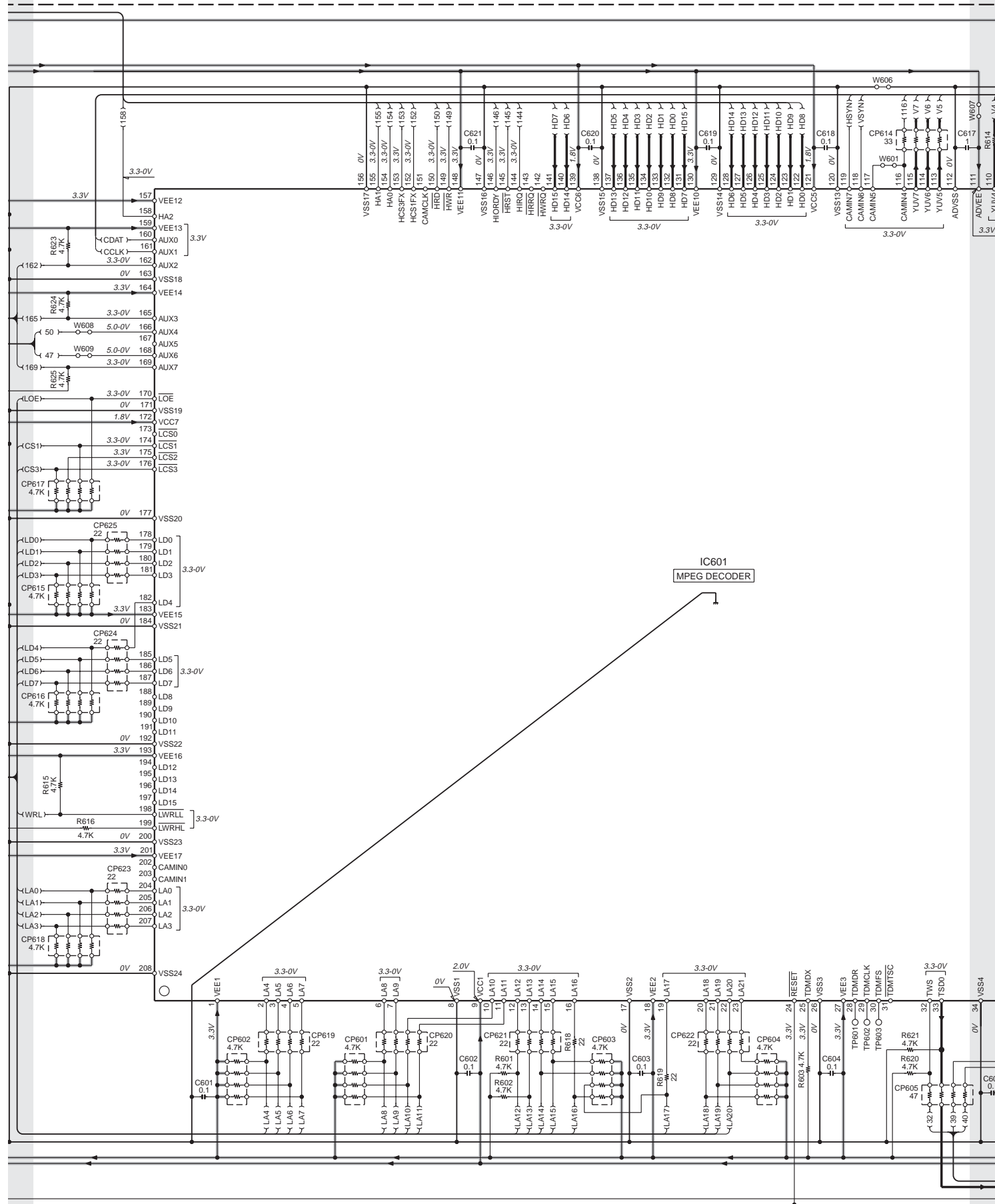
X34-315x-xx

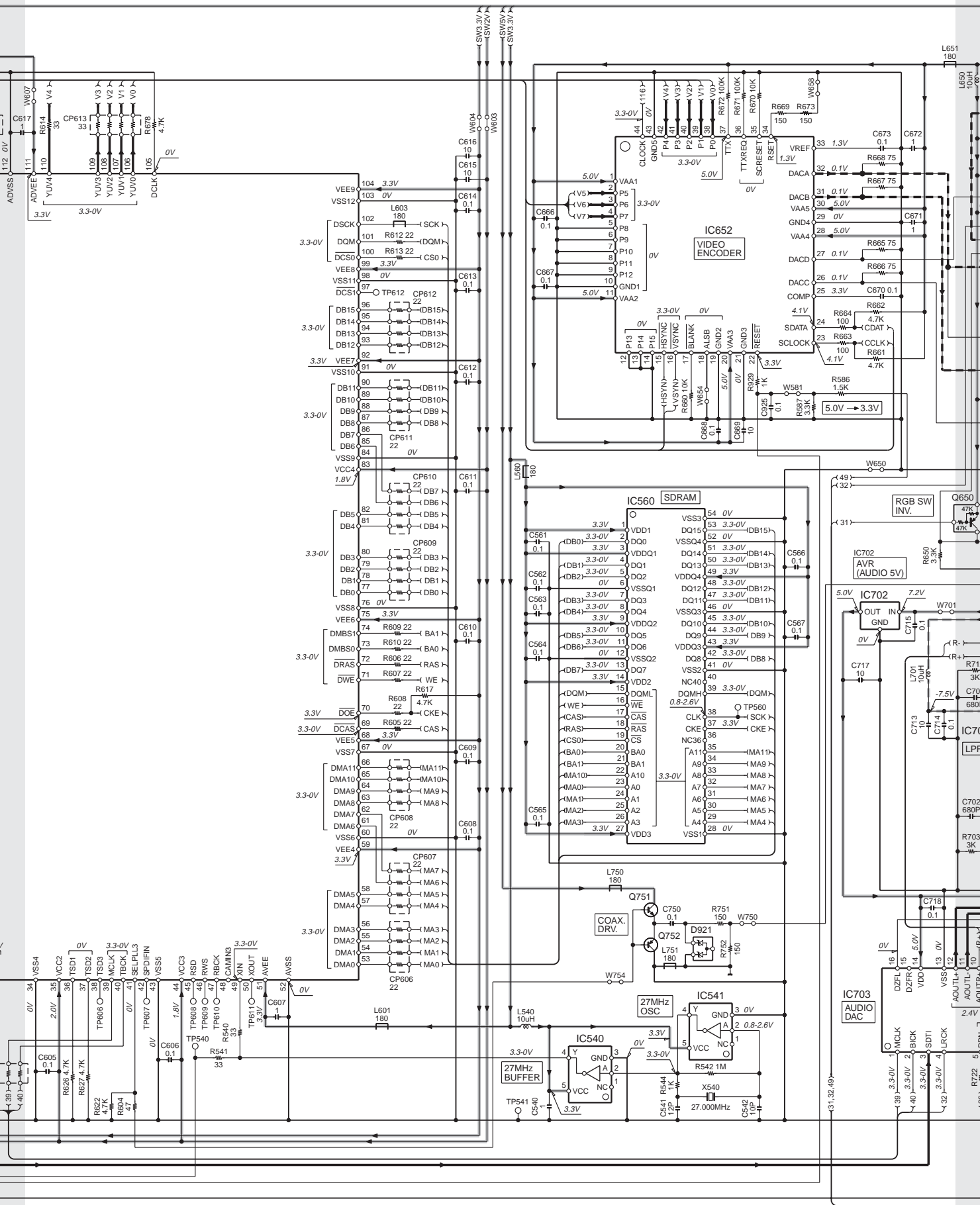
| Ref. No. | Address |
|----------|---------|
| IC4 | 6AM |
| IC100 | 5AN |
| IC101 | 5AN |
| IC400 | 3AM |
| IC500 | 4AL |
| IC555 | 4AO |
| IC900 | 2AN |
| Q1 | 5AP |
| Q3 | 5AO |
| Q9 | 5AO |
| Q14 | 6AM |
| Q17 | 6AL |
| Q19 | 5AP |
| Q22 | 4AP |
| Q25 | 5AP |
| Q27 | 6AQ |
| Q100 | 5AM |
| Q200 | 2AN |
| Q201 | 2AO |
| Q301 | 4AO |
| Q551 | 3AN |
| Q552 | 3AO |
| Q553 | 3AO |
| Q554 | 3AO |
| Q609 | 2AP |
| Q904 | 3AN |
| Q905 | 2AN |
| Q906 | 2AN |

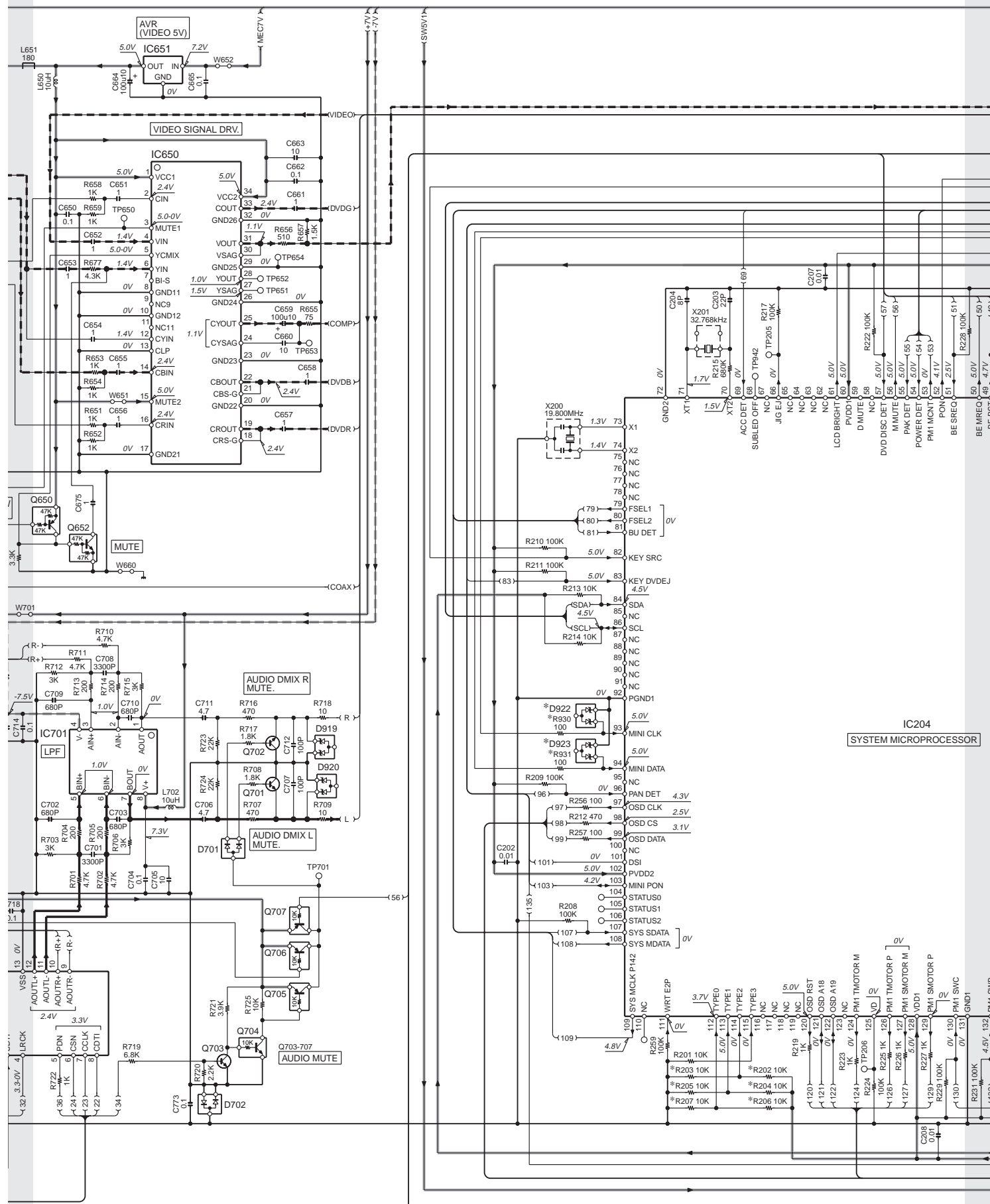
Refer to the schematic diagram for the values
of resistors and capacitors.

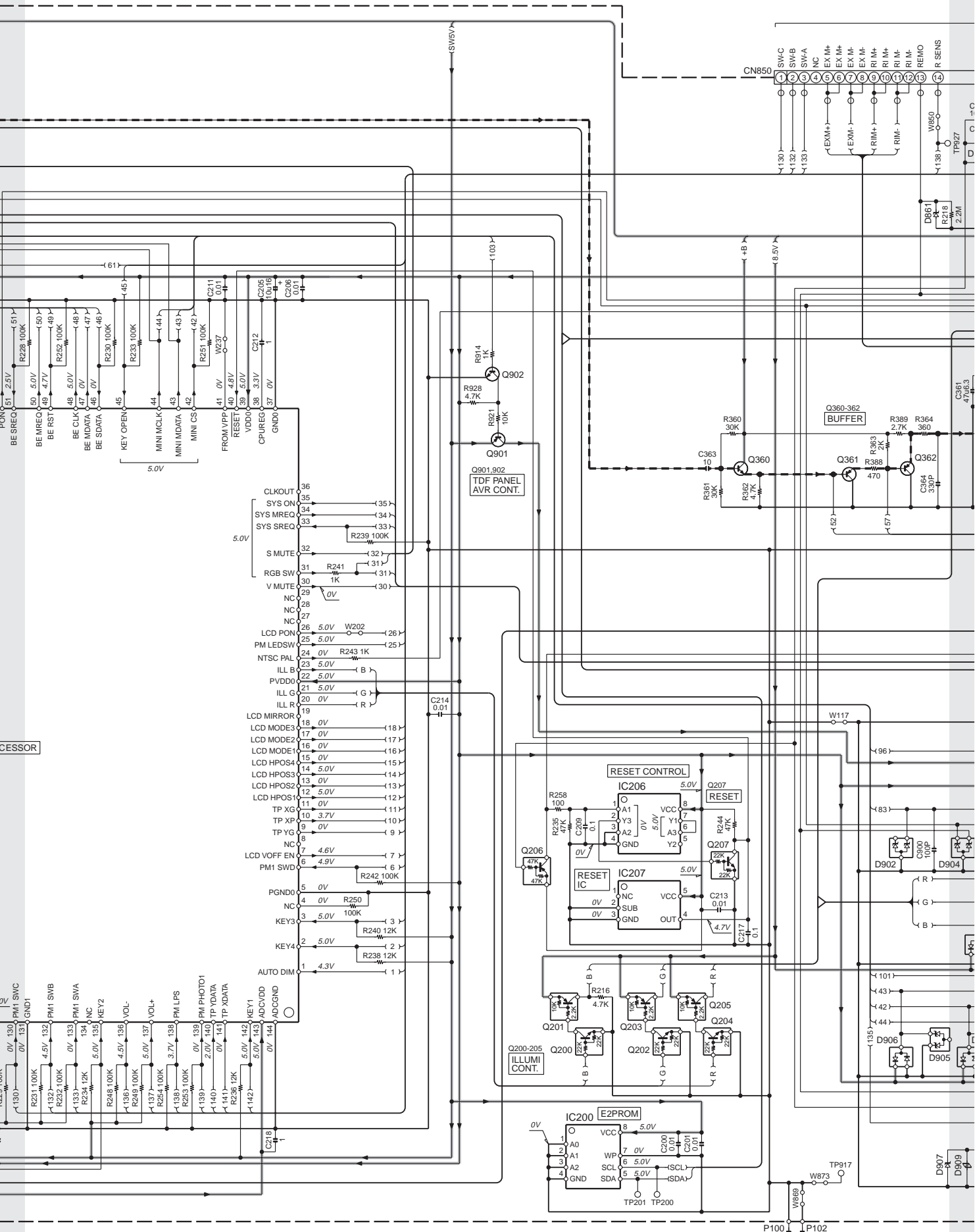


KVT-715DVD,725DVD/-B,735DVD
KVT-745DVD,765DVD,815DVD



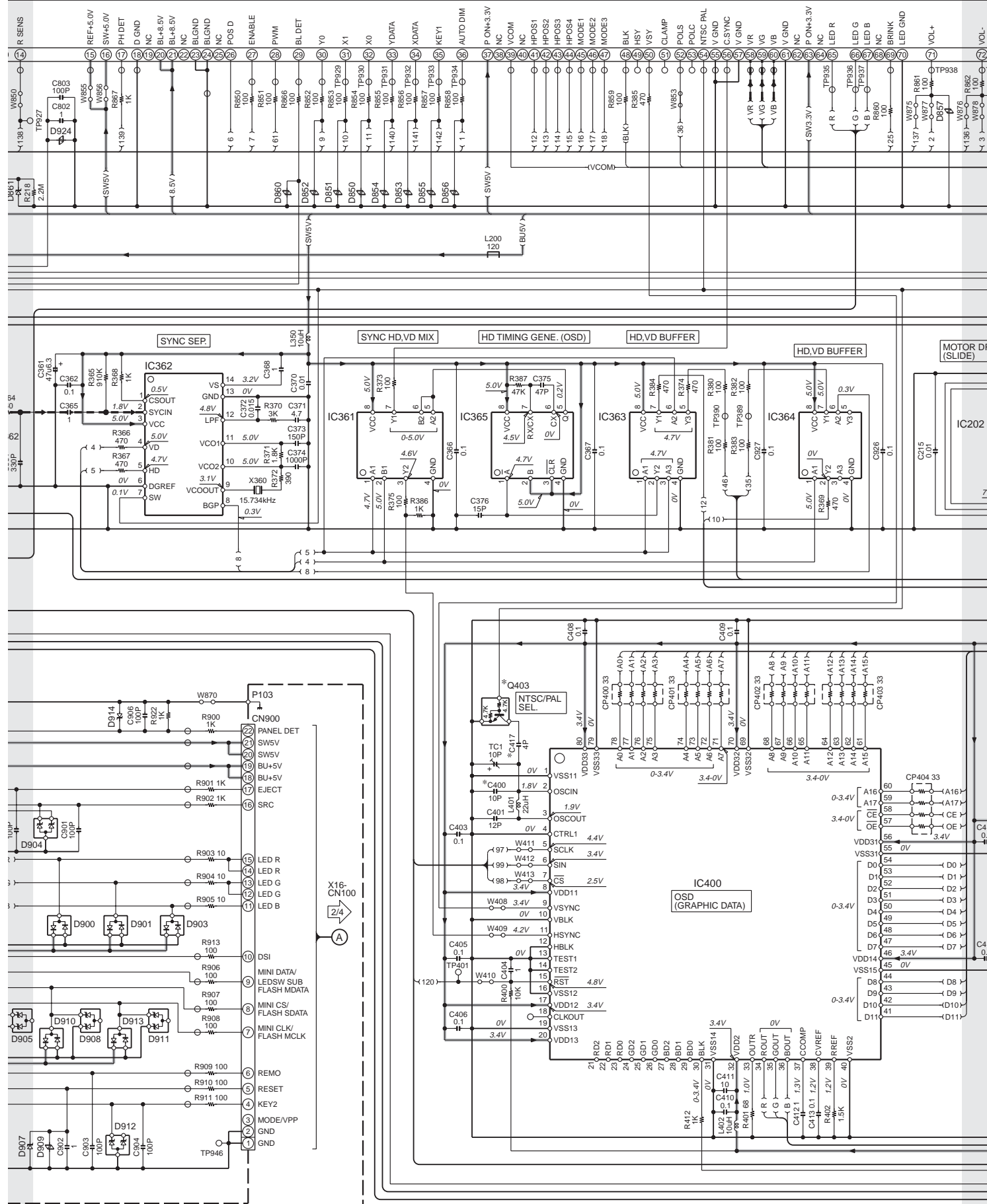




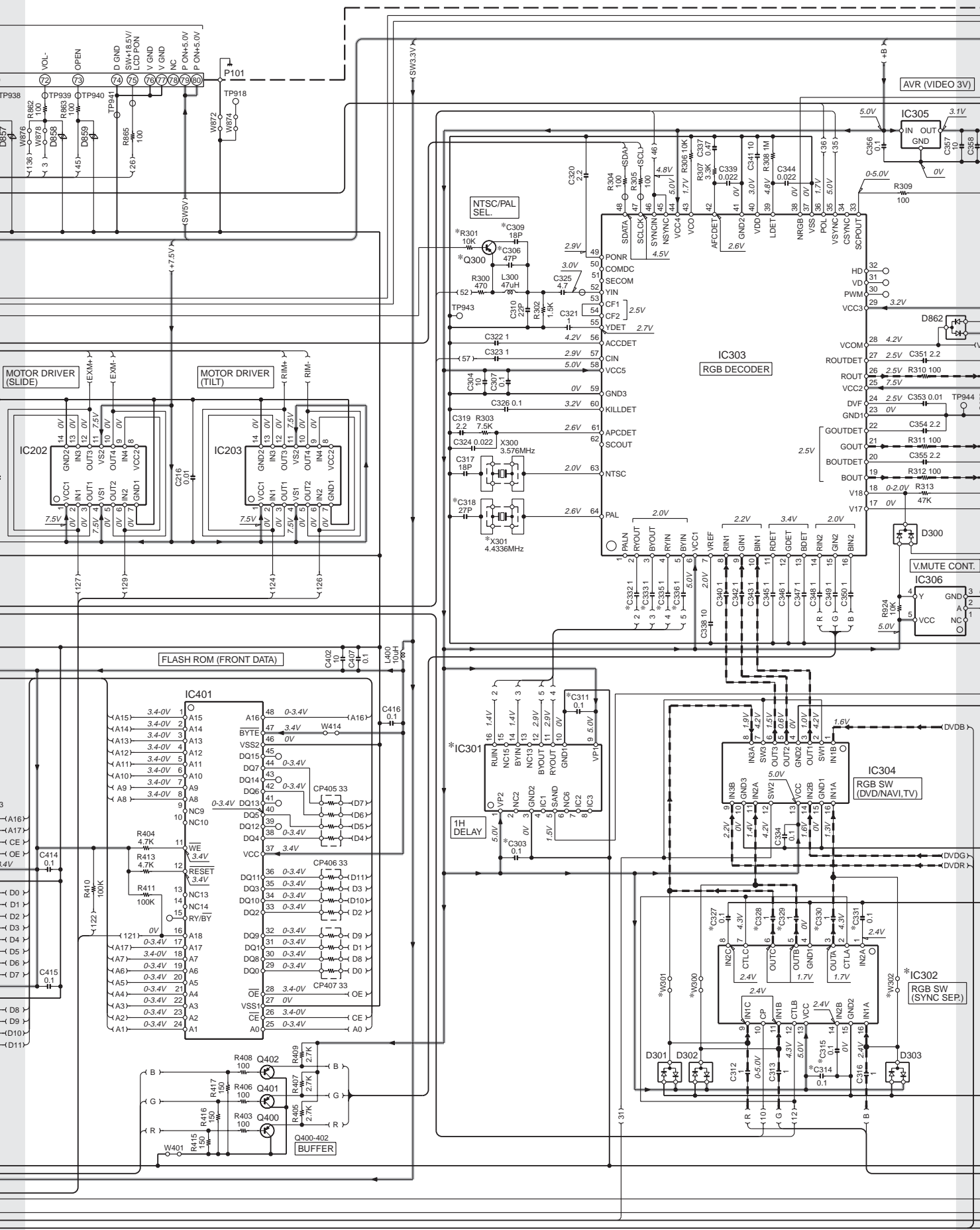


KVT-715DVD,725DVD/-B,735DVD
KVT-745DVD,765DVD,815DVD

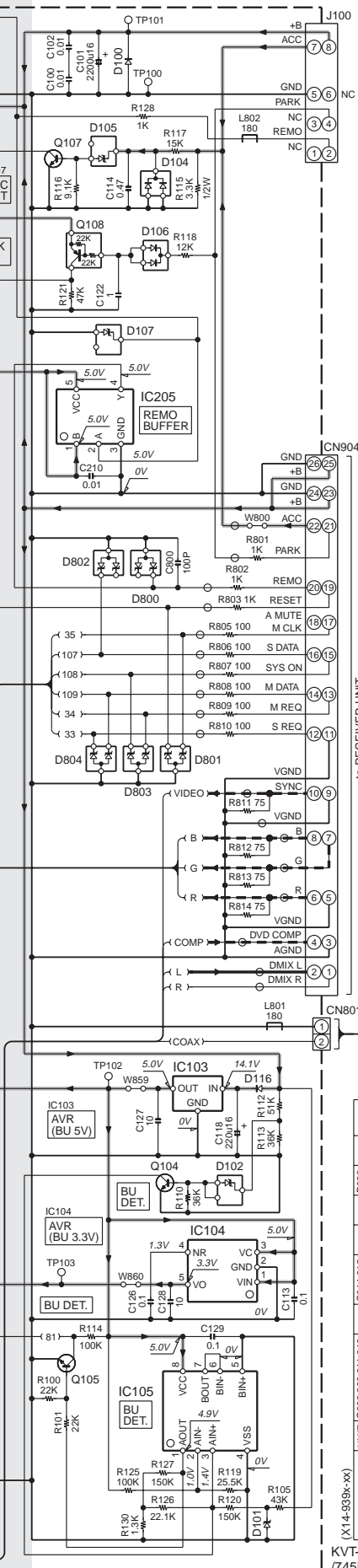
to X35-CN301



KVT-715DVD,725DVD/-B,735DVD KVT-745DVD,765DVD,815DVD



KVT-715DVD,725DVD/-B,735DVD KVT-745DVD,765DVD,815DVD



IC100-102 : FA7703V
IC103 : TA78DL05F
IC104 : PQ1X331M22P
IC105 : TC75W56FU
IC106,306 : TC7SH04FU
IC107 : M5237ML
IC108 : SI-3012KM
IC200 : LB1836M-TE-L
IC202,203 : 703068YUJ-108
IC204 : TC7SH08F
IC205 : TC7W14FU
IC206 : PST9142NR
IC207 : TA78L05F
IC300 : TDA4665T
IC301 : MM1389XFBEE
IC302 : AN2546FH-AV
IC303 : MM1234XFBEE
IC304 : NJU7200UJ30
IC305 : TC7W00FU
IC361 : NJV1303V
IC362 : TC7W34FU
IC363,364 : TC7WH123FU
IC365 : LC74735NW9817E
IC400 : MB29LV8T9TN6R2
IC401 : 29LV160ATI7R1
IC520 : K6F1008V2CYF55
IC521 : TC7SH00FU
IC522 : TC7SHU04FU
IC540,541 : MT48LC4M16T75I
IC560 : TC74VCHT08AFT
IC580 : ES6218SF
IC601 : MM1567AJBE
IC650 : UP2905T
IC651 : ADV7170KSU
IC652 : NJM4580V
IC701 : TA78L05F
IC702 : AK4382AVT
IC703 : M4A3212V18TV1
IC770 : UN5212

Q100-103,119,200,202,204,207 : UN5212
Q104,105 : 2SD1819A
Q106 : HAT1038R
Q107,123,124,360,701-703,751,902 : 2SC4081
Q108 : DTA124EUA
Q109,110 : HAT1016R
Q111 : HAT3008R
Q112 : 2SB1184
Q117 : DTC323TU
Q118 : 2SB1218A
Q120,122,300,361,362,400-402,752 : 2SA1576A
Q121,170-175,652 : DTC144EUA
Q201,203,205 : DTB123YK
Q206 : UN5113
Q403 : DTC143EUA
Q650 : DTA144EUA
Q704 : DTC114TUA
Q705-707 : DTA114TUA
Q901 : 2SB1189

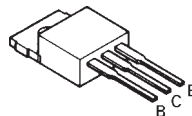
D100 : 1SR154-400
D101 : RD16S
D102,105 : RD6.8M(B2)
D104,106,300 : DAN202U
D107 : MA3062-M
D108-113 : EC31QS04
D114,115 : SB05-05CP
D116 : MA2784
D301-303,501,702,862,900,901,903,906,910,913 : DA204U
D701 : DAP202U
D800-804,902,904,905,908,911,912,919-921 : MA3062WA
D850-860,909,924 : AVR1608120M6A
D861,907,914 : MA8062-M
D922,923 : UM28.2N

--- VIDEO LINE
--- SIGNAL LINE
--- GND LINE
--- +B LINE
--- -B LINE

| MODEL NAME | UNIT No. | C303,308,311,318,332,333,336,336 | C314,315,327-331 | C400 | D922,923 | IC302 | IC301 | IC300 | X301 |
|-------------|----------|----------------------------------|------------------|------|----------|-------|-------|-------|------|
| KVT715DVD | K | 0-11 | NO | NO | NO | NO | NO | NO | NO |
| KVT745DVD | R | 3-21 | NO | NO | YES | NO | NO | NO | NO |
| KVT735DVD | M | 0-21 | YES | YES | YES | YES | YES | YES | YES |
| KVT765DVD | C | 3-01 | YES | YES | YES | YES | YES | YES | YES |
| KVT745DVD | E | 2-71 | YES | YES | YES | YES | YES | YES | YES |
| KVT725DVD | E | 2-71 | YES | YES | YES | YES | YES | YES | YES |
| KVT725DVD-B | E | 2-71 | YES | YES | YES | YES | YES | YES | YES |

KVT-715DVD/725DVD/725DVD-B/735DVD
/745DVD/765DVD/815DVD (1/4)

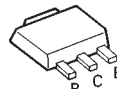
2SB1565



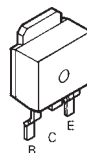
DTA123JK
DTA144EUA
DTB123YK
DTC114YUA
DTC124EE
UN5114
UN5214
2SA1576A
2SB1218A
2SB709A
2SD1819A



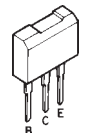
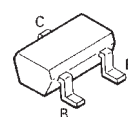
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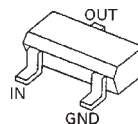
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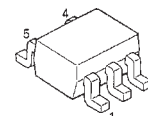
2SB1443

DTC323TU
2SC4081

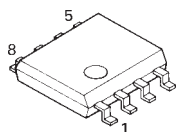
DTA114EUA
DTA114TUA
DTA124EUA
DTC114EUA
DTC124EUA
DTC143EUA
DTC144EUA



UMC2N



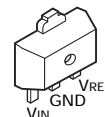
NJM4565M-TE2
TA75W558FU
TC7W00FU



DAN202U



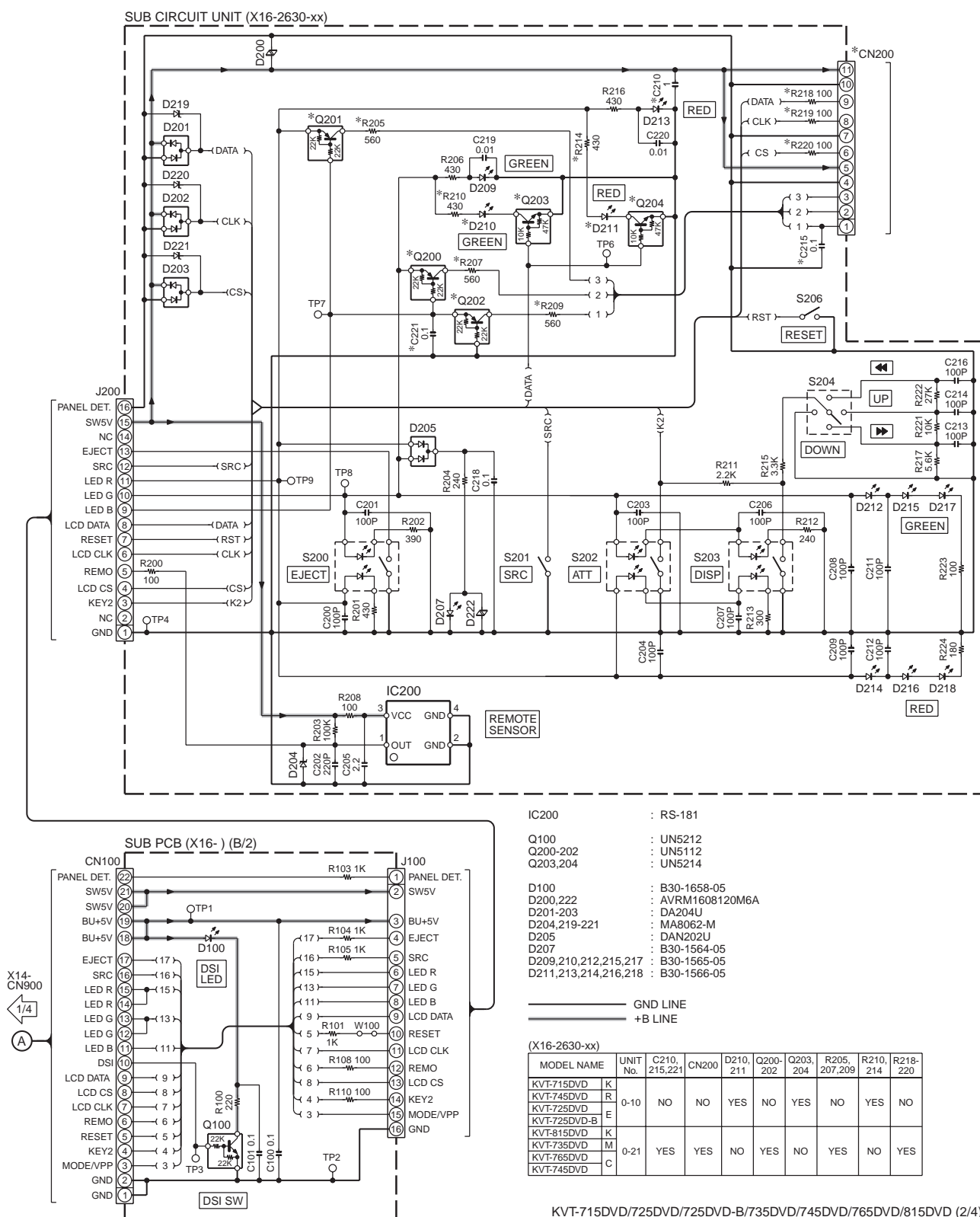
TA78L05F

DAP202U
DA204U

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).

△ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

• DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.



CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).

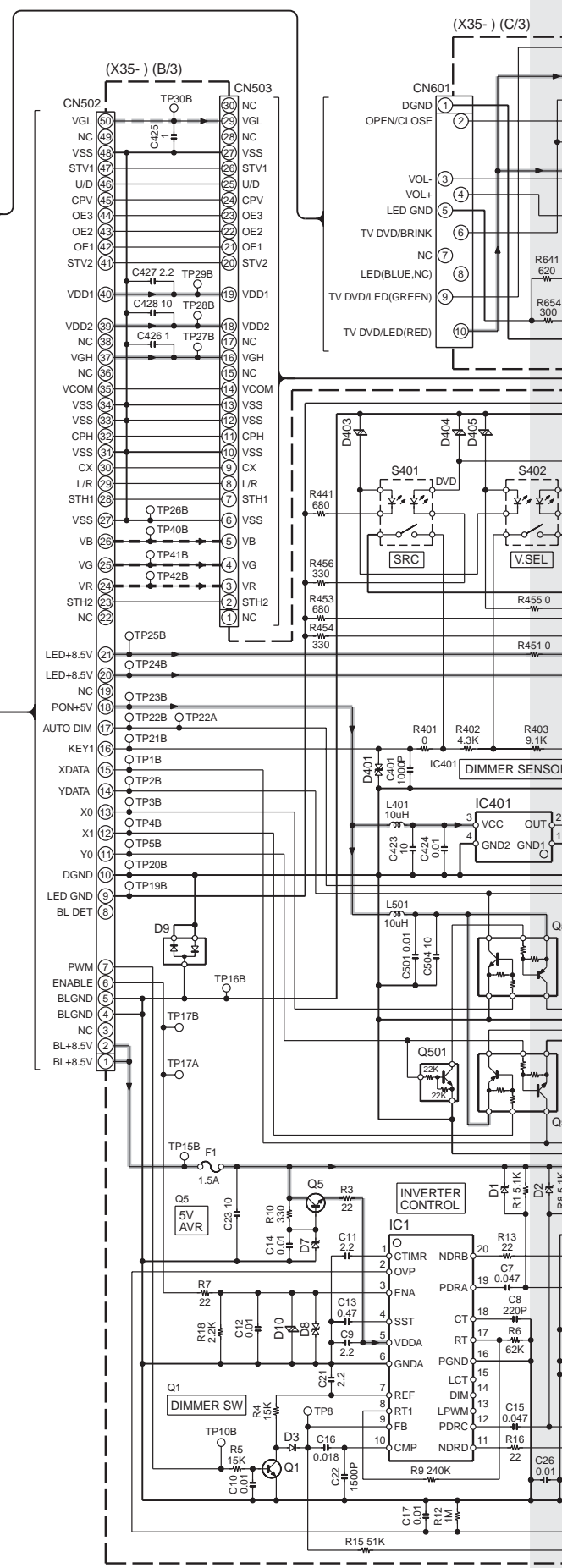
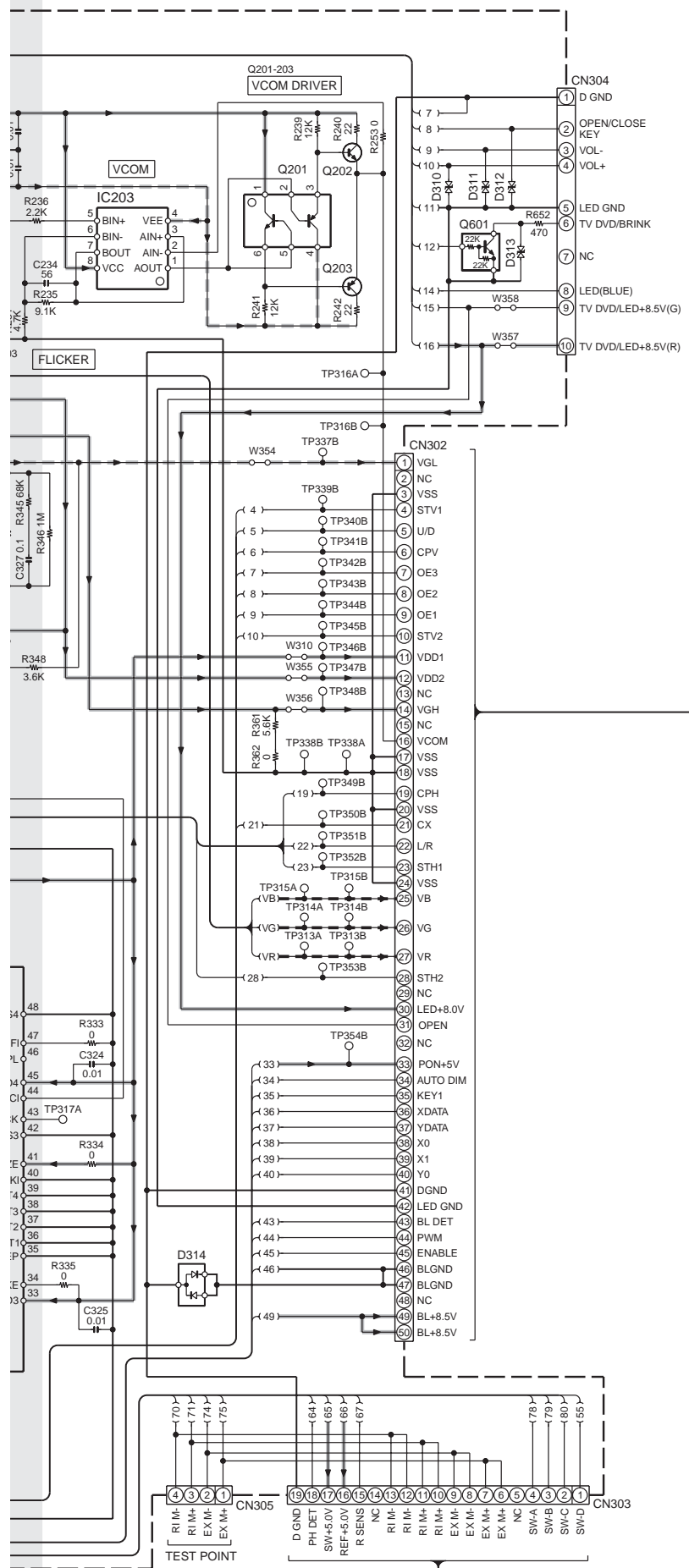
⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.


- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

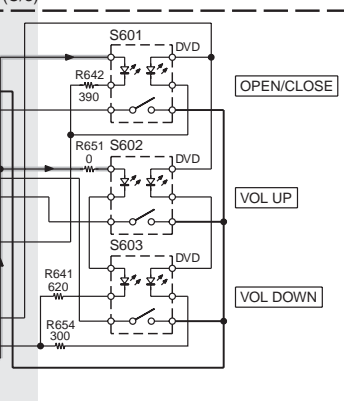
VIDEO UNIT (X35-4280-01) (A/3)



KVT-715DVD,725DVD/-B,735DVD
KVT-745DVD,765DVD,815DVD

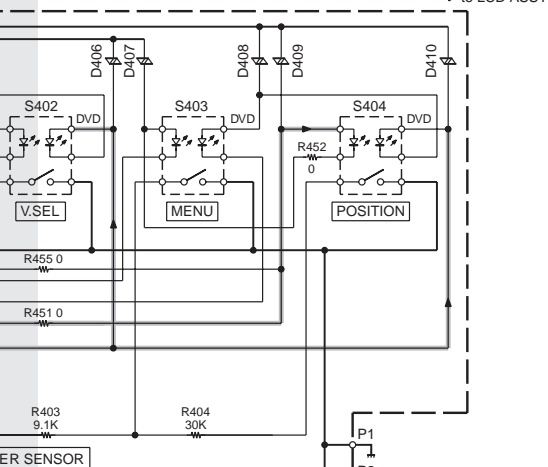


 VIDEO LINE
 GND LINE
 +B LINE
 -B LINE

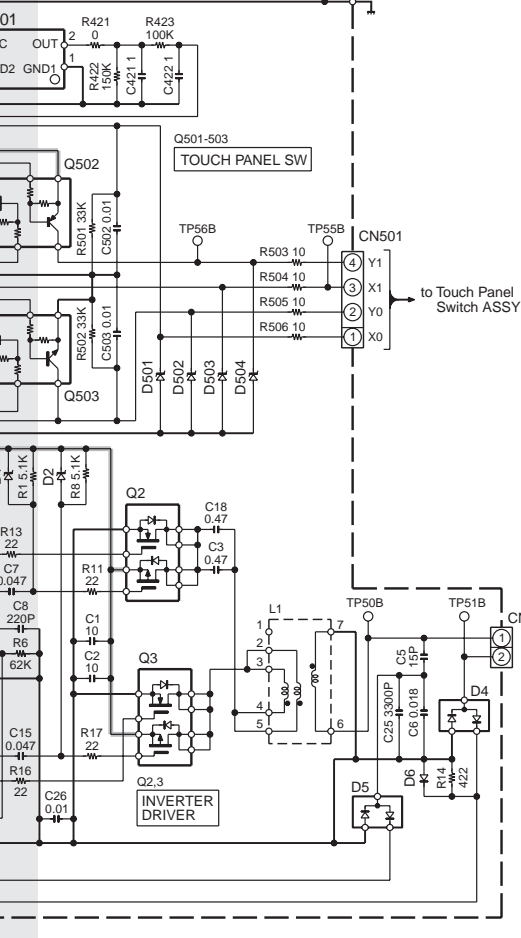


| | | | |
|----------|------------------|--------------------|-------------------|
| IC1 | : OZ960IS-C | D1,2 | : MA8047-M |
| IC101 | : LT1947 | D3 | : MA115 |
| IC203 | : TA75W558FU | D4,5,9,302,303,314 | : DA204U |
| IC301 | : TC200G02AF0104 | D6,102-104 | : MA2S784 |
| IC302 | : TC7SH08FU | D7 | : MA8056-M |
| IC303 | : NJM2107F | D8,310-313,401 | : 1608SGXA |
| IC304 | : TC7WH14FU | D10 | : AVR/M1005270MAA |
| IC401 | : TPS819 | D101 | : MA22D18 |
| | | D301,304 | : MA8051-M |
| | | D309 | : 1SV231 |
| Q1,5 | : 2SC4081 | D403-410 | : AVR/M1608180M6A |
| Q2,3 | : S15513DC | D501-504 | : MA8051-M |
| Q201 | : IMZ1A | | |
| Q202 | : 2SD601A | | |
| Q203 | : 2SB709A | | |
| Q301 | : 2SC4097 | | |
| Q501,601 | : DTC124EE | | |
| Q502,503 | : PUMD10 | | |

→ to LCD ASSY



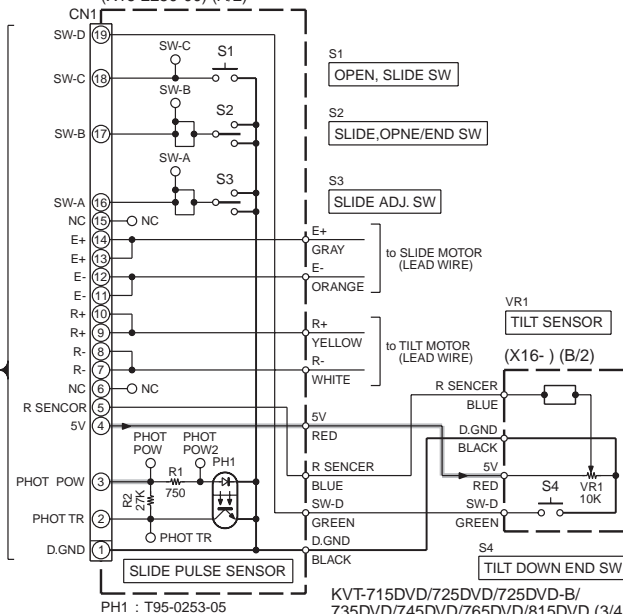
ER SENSOR



⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

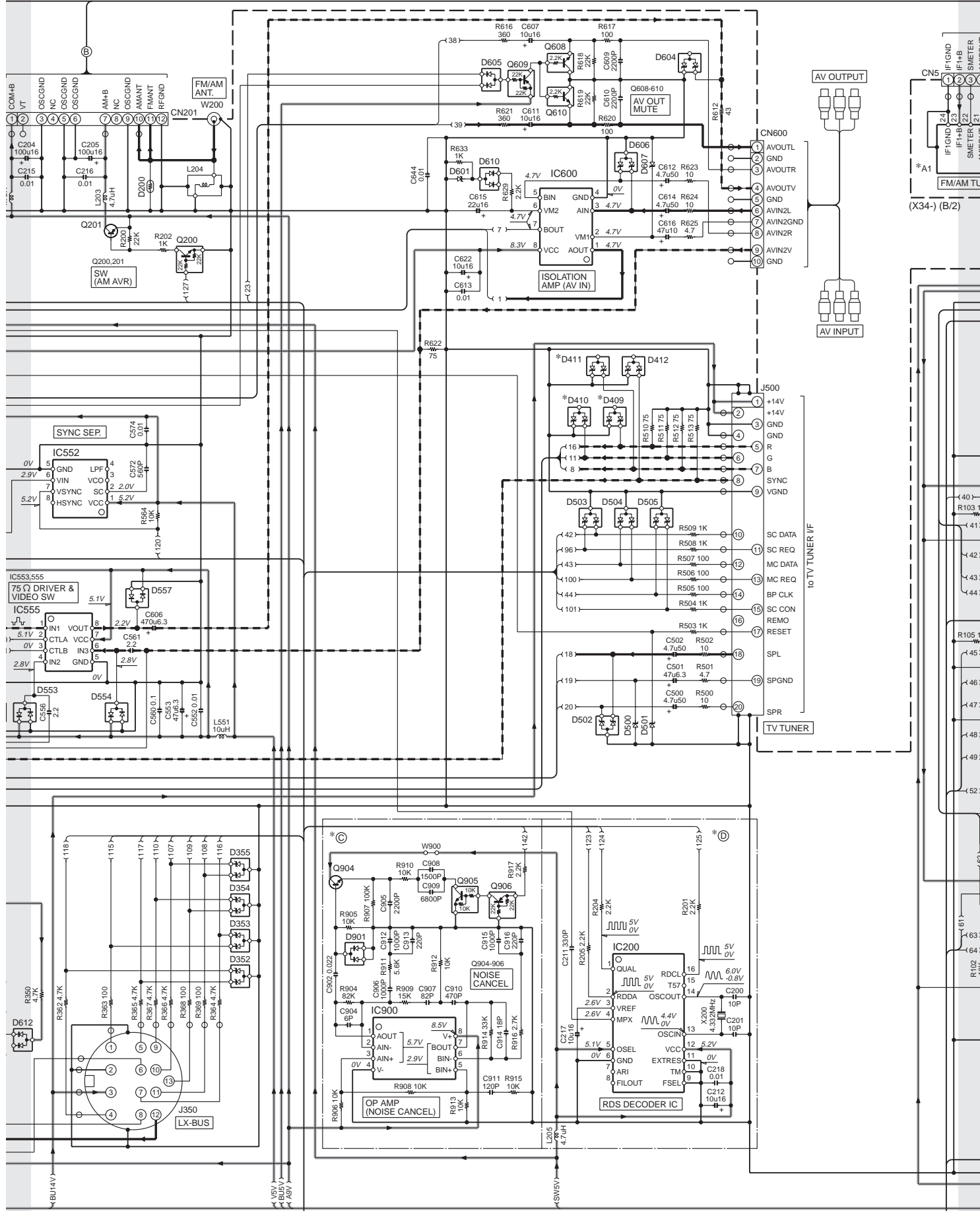
SWITCH UNIT
(X16-2250-00) (A/2)



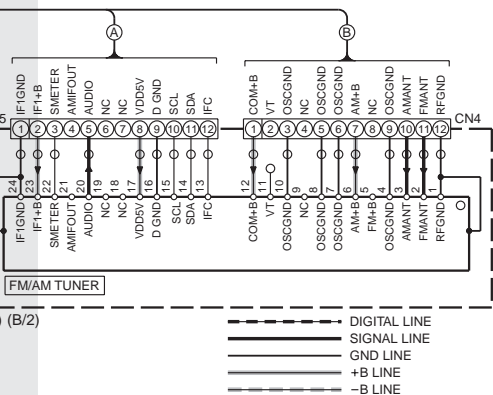
PH1 : T95-0253-05

KVT-715DVD/725DVD/725DVD-B/
735DVD/745DVD/765DVD/815DVD (3/4)

KVT-715DVD,725DVD/-B,735DVD
KVT-745DVD,765DVD,815DVD



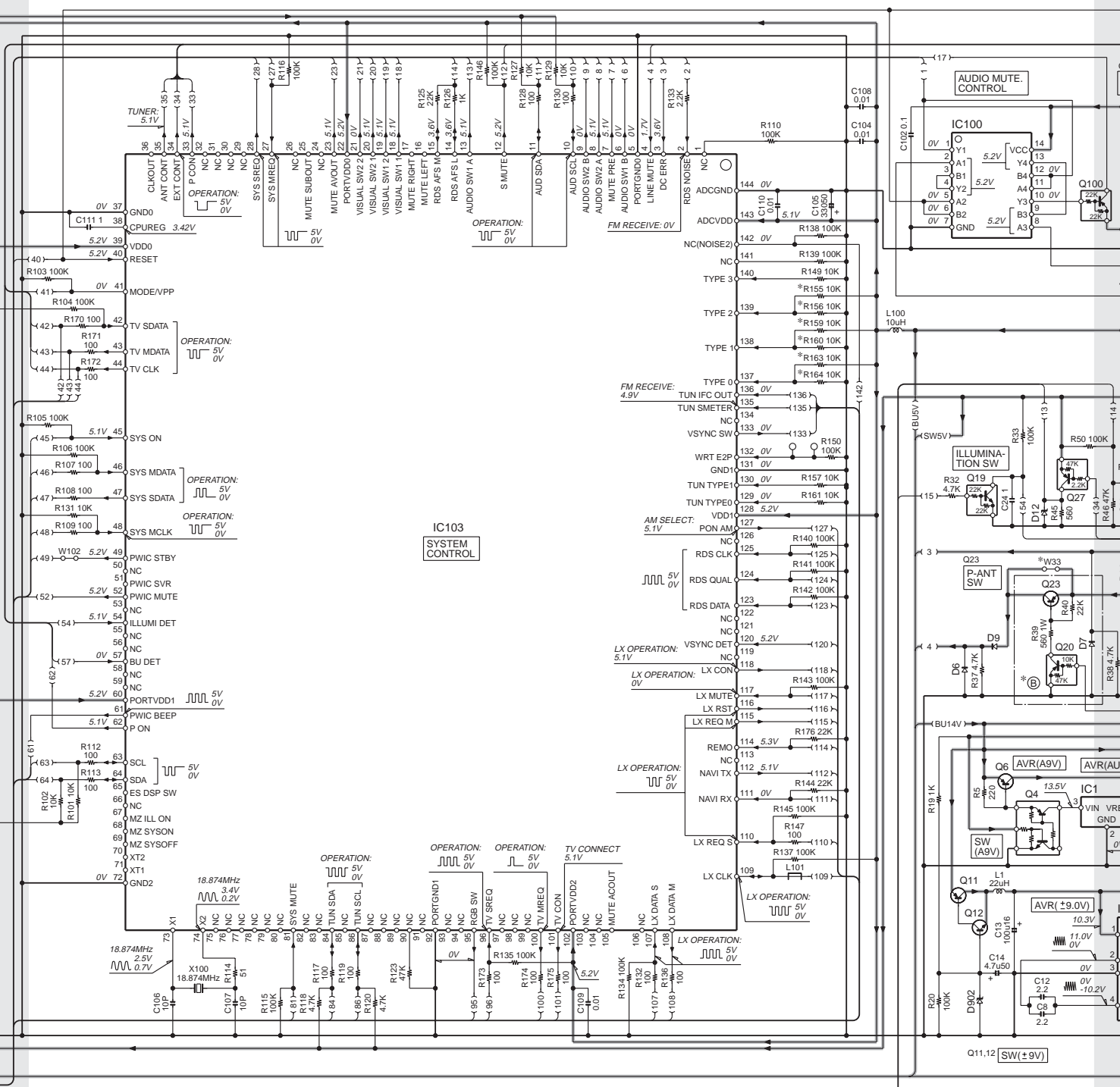
KVT-715DVD,725DVD/-B,735DVD KVT-745DVD,765DVD,815DVD



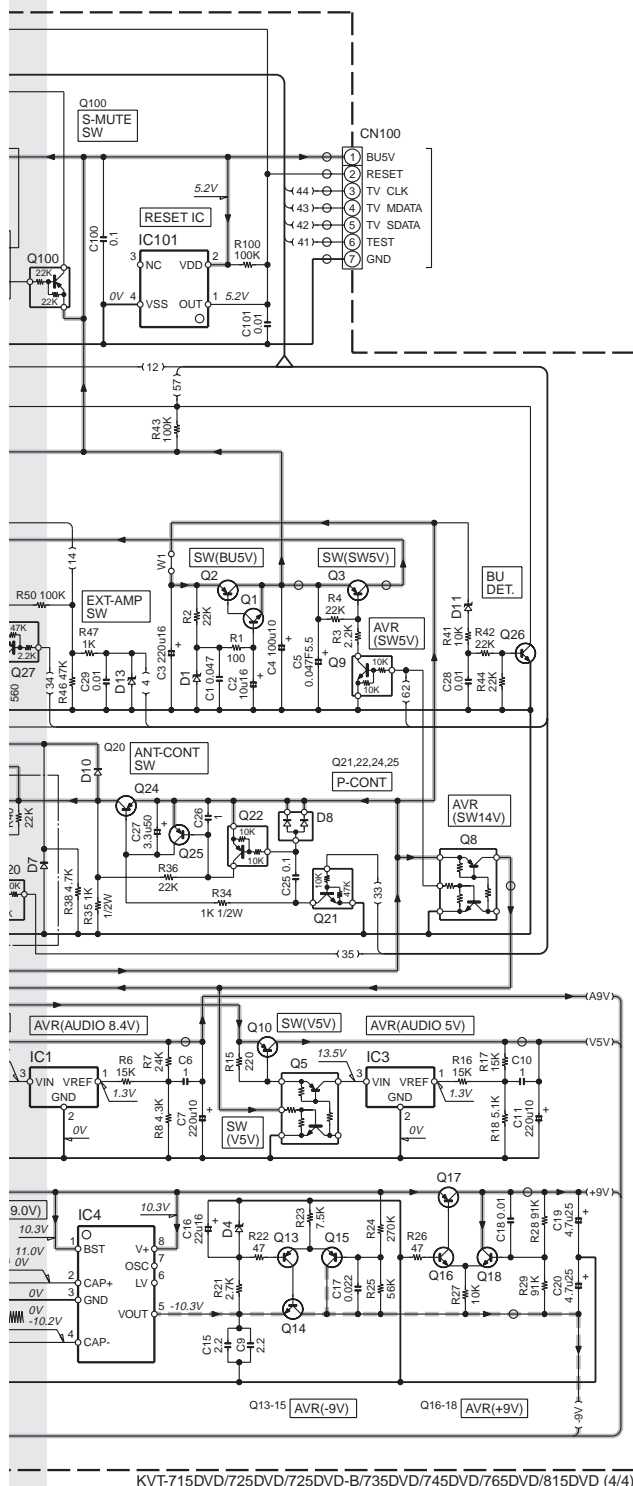
(X34-315x-xx)

| MODEL NAME | UNIT No. | (A) | (B) | (C) | (D) | (E) | A1 | D409-411 | R155 | R156 | R159 | R160 | R163 | R164 | W33 | W500-505 |
|--------------|----------|------|-----|-----|-----|-----|-----|----------|------|------|------|------|------|------|-----|----------|
| KVT-715DVD | K | 0-10 | YES | YES | NO | YES | NO | W02-3416 | NO | NO | YES | NO | YES | YES | NO | YES |
| KVT-735DVD | M | 0-21 | YES | YES | YES | YES | NO | W02-3417 | NO | NO | YES | YES | NO | YES | NO | YES |
| KVT-745DVD | C | 0-71 | NO | YES | NO | NO | NO | W02-3416 | NO | YES | NO | NO | YES | YES | NO | YES |
| KVT-725DVD | E | 2-71 | YES | NO | YES | YES | YES | W02-3417 | YES | NO | YES | YES | NO | NO | YES | NO |
| KVT-725DVD-B | E | 2-71 | YES | NO | YES | YES | YES | W02-3417 | YES | NO | YES | YES | NO | NO | YES | NO |
| KVT-745DVD | R | 3-21 | YES | YES | NO | YES | NO | W02-3418 | NO | YES | NO | YES | NO | YES | NO | YES |
| KVT-765DVD | C | 3-01 | NO | YES | NO | NO | NO | W02-3416 | NO | YES | NO | YES | NO | YES | NO | YES |
| KVT-815DVD | K | 0-11 | YES | YES | NO | YES | NO | W02-3416 | NO | YES | NO | YES | NO | YES | NO | YES |

IC1,3 : M5237ML
IC4 : ICL7660SIBA
IC100 : HD74HC02FP-E
IC101 : S-80842CNBB
IC103 : 70F3089YGJ-7R7
IC200 : TDA7479D
IC250 : E-TDA7560A
IC300 : TDA7401
IC301 : E-TDA7414
IC350,500,600 : BA3121F
IC400 : TC7SH08FU
IC450,451 : NJM2267V
IC452 : TC7SH14FU
IC501 : MM1234XFBE-E
IC550,554 : TC4052BFT
IC551 : MM1503
IC552 : MM1108XFFE
IC553 : BA7652AF
IC555 : BA7612F
IC602-604,702,900 : NJM4565M-TE2



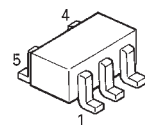
| | | |
|-------------------------------|--------------|------------------------------|
| Q1,12,14,16,18,26,901,903,904 | D1,4,12 | MA8056-M |
| | D5 | RM10ZLF |
| Q2,11 | 25C4081 | |
| | 25B1443 | D6,7,9,10 |
| Q3,13,15,17,25,603,902 | 25A1576A | D8,250,602,605,610-612 |
| Q4,5,8 | UMC2N | D9,11,71 |
| Q6,10 | 25B1565 | D13,601 |
| Q9,905 | 25B1565 | D200 |
| Q19,200,301,551-554 | 25B1188(Q,R) | D350,403,452,502,606 |
| Q20,21 | 25B1188(Q,R) | D351,400,402,451,500,501,607 |
| Q22 | 25B1188(Q,R) | D352-355,401,406-413,457-461 |
| Q23,24,201 | 25B123JK | 503-505,604 |
| Q27 | 25A124EU | D404,405,453-456,506-511 |
| Q100,460,609,906 | 25A124EU | 500-557 |
| Q300 | 25B1819A | D462,901 |
| Q600-602,604-606,608,610 | 25B1819A | D462,901 |
| | 25B1819A | D902 |
| Q900 | 25B1819A | |



KVT-715DVD/725DVD/725DVD-B/735DVD/745DVD/765DVD/815DVD (4/4)

MA142WA
UN5212

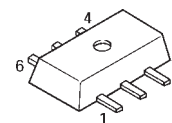
TC7SHU04FU



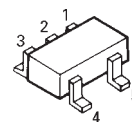
RD6.8M



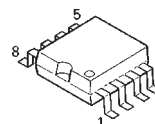
MCH6101-E



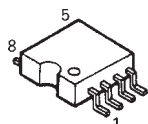
TC7SH04FU
TC7SH08FU



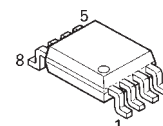
BA7612F



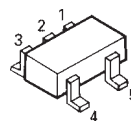
BA3121F



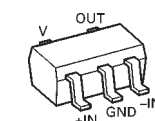
NJM4580V
TC7WH123FU



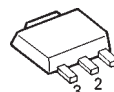
PST9137NR



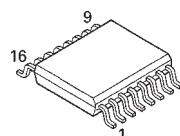
NJM2107F



M5237ML



TDA7479D

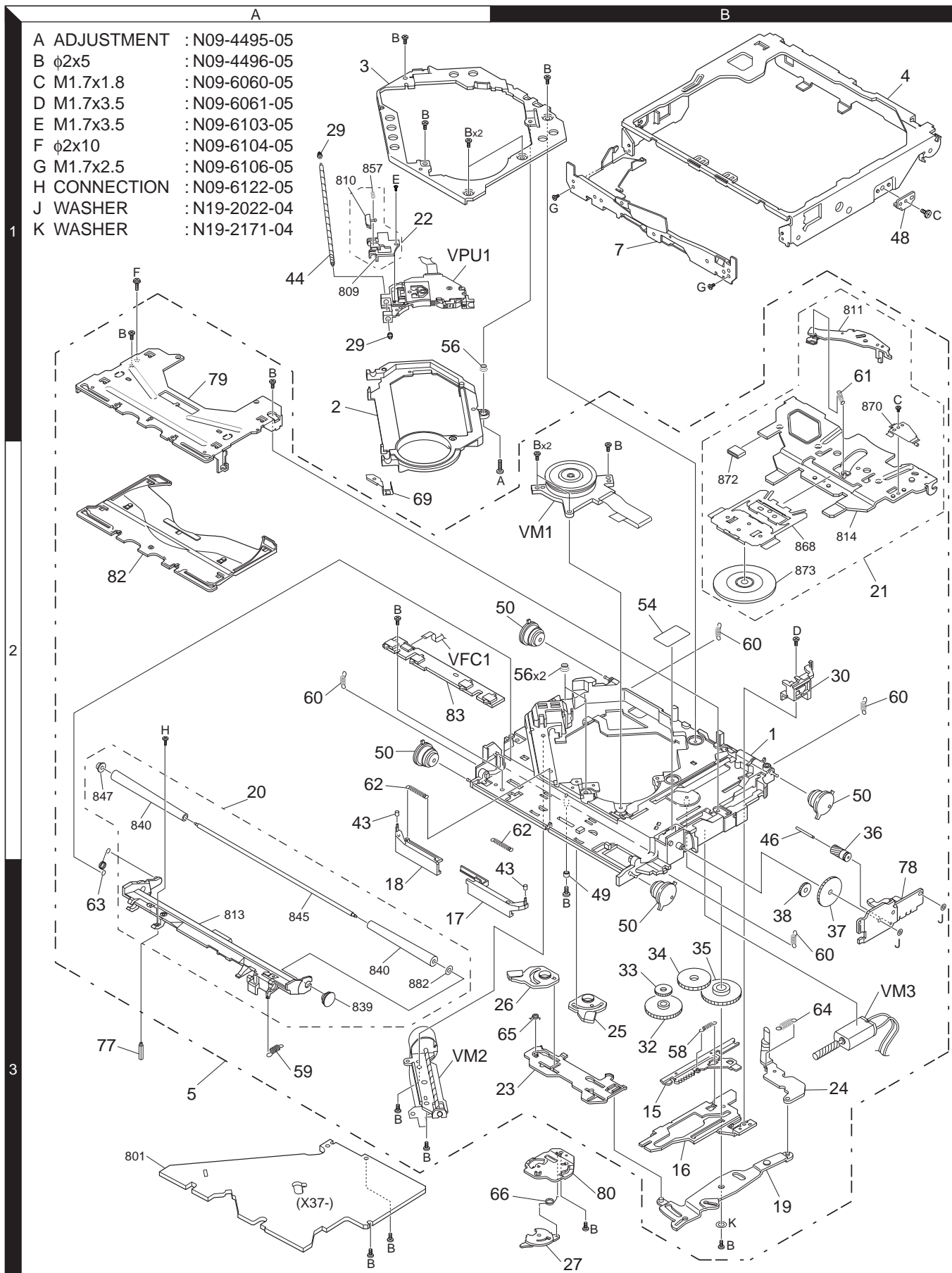


CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).

▲ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

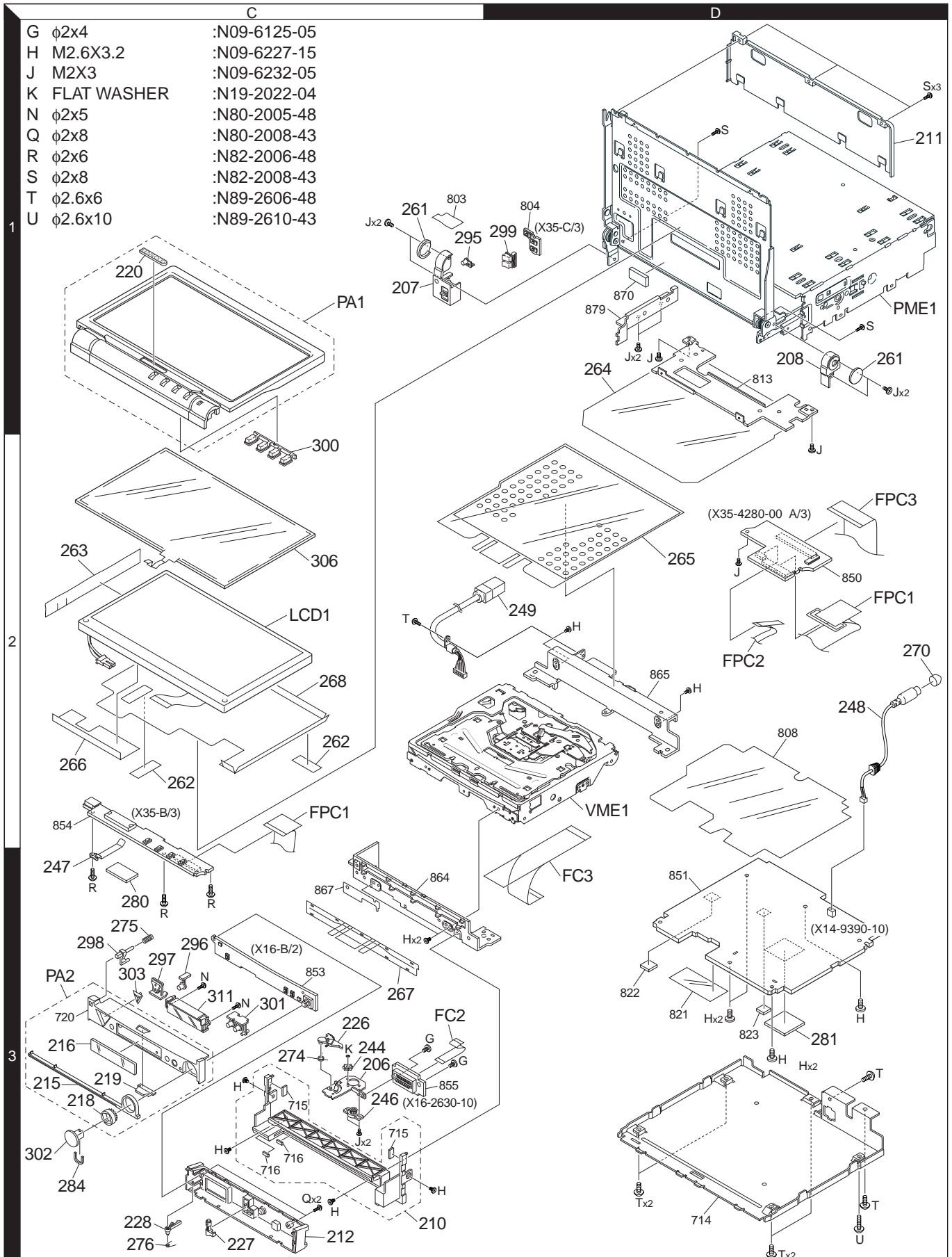
- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

EXPLODED VIEW (DVD MECHANISM)



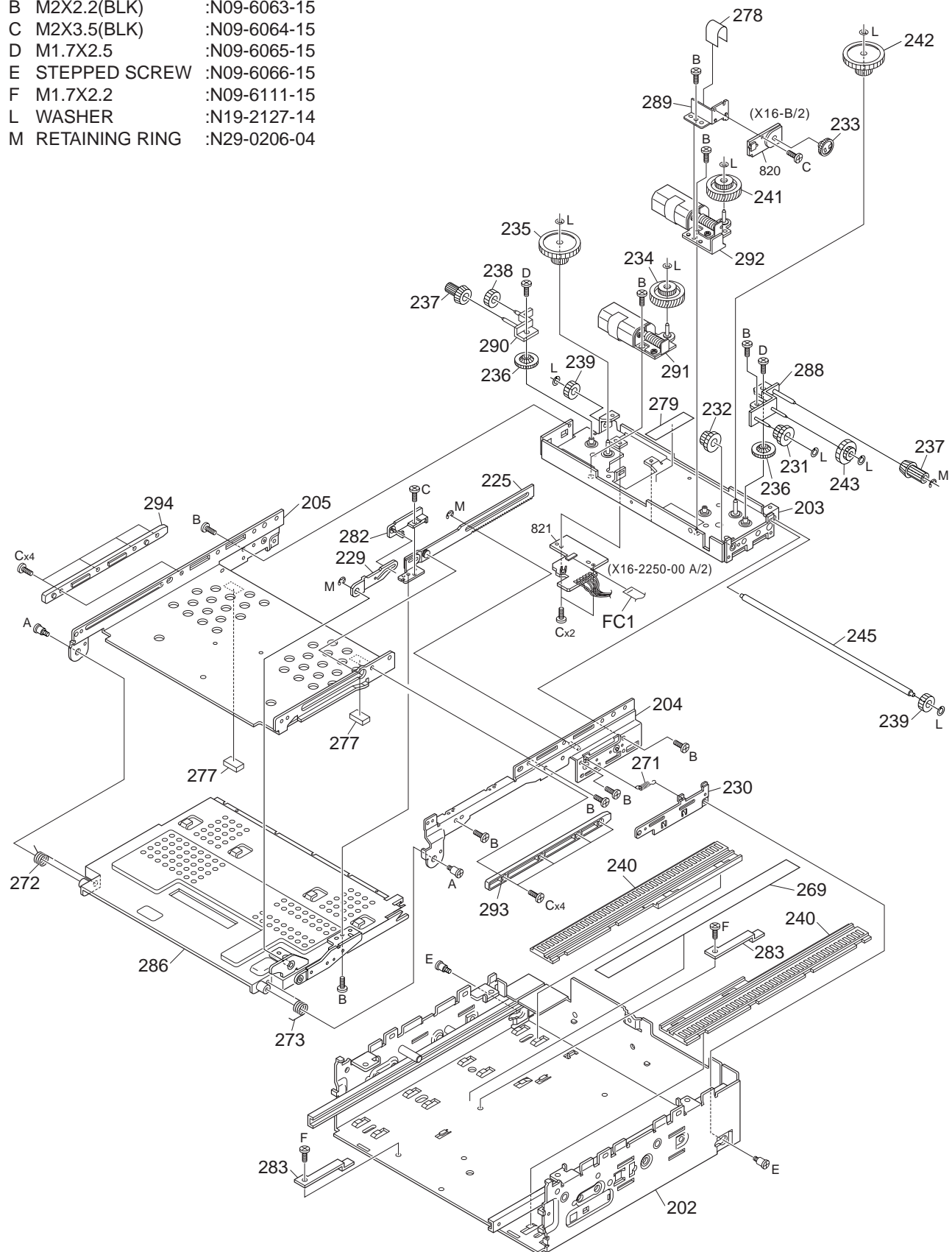
Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (UNIT)

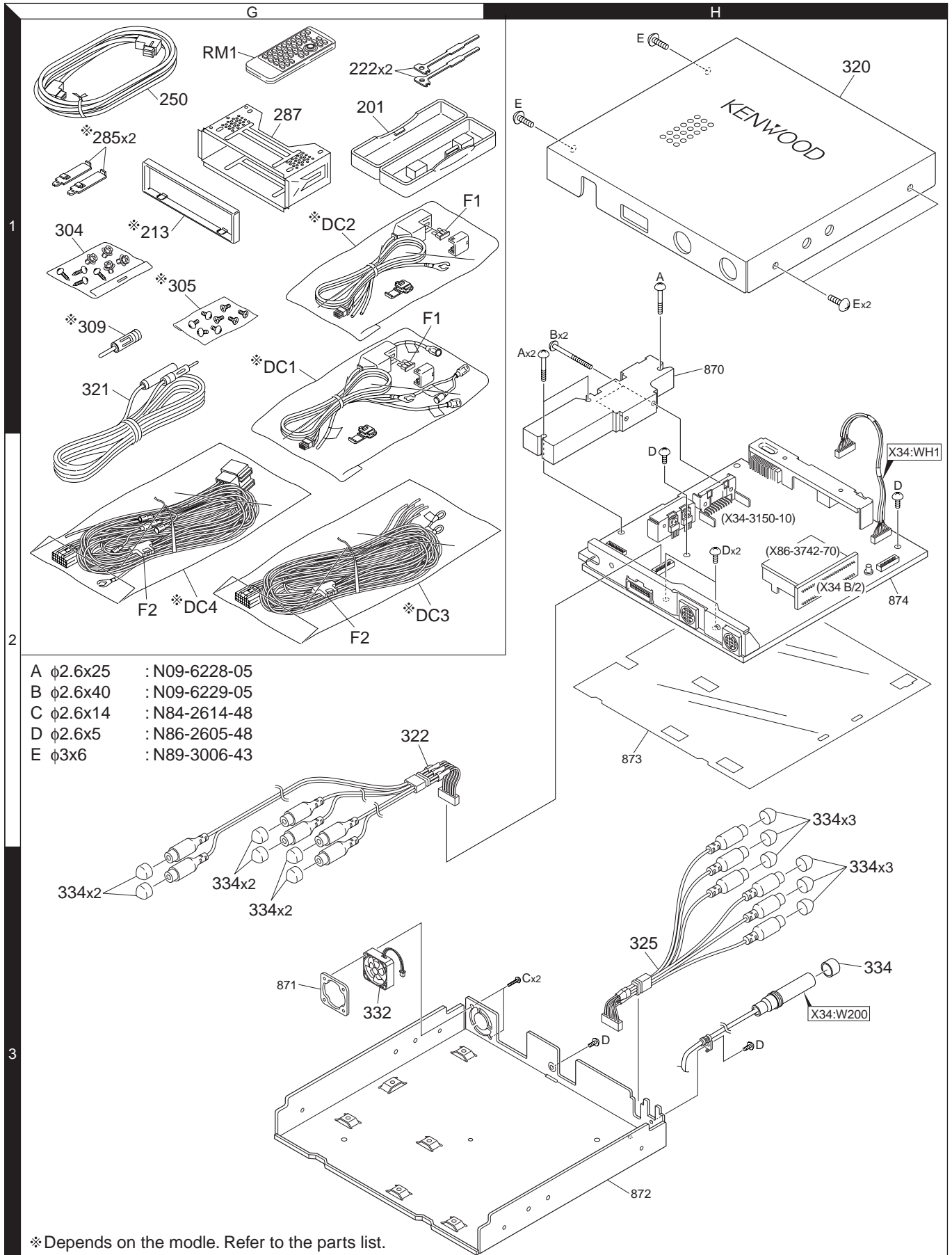


EXPLODED VIEW (PANEL MECHANISM)

- | | | |
|---|----------------|--------------|
| A | STEPPED SCREW | :N09-6062-05 |
| B | M2X2.2(BLK) | :N09-6063-15 |
| C | M2X3.5(BLK) | :N09-6064-15 |
| D | M1.7X2.5 | :N09-6065-15 |
| E | STEPPED SCREW | :N09-6066-15 |
| F | M1.7X2.2 | :N09-6111-15 |
| L | WASHER | :N19-2127-14 |
| M | RETAINING RING | :N29-0206-04 |



EXPLODED VIEW (AMP UNIT / ACCESSORY)



PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|---|-------------|-------------|-------------|--|------------------|
| KVT-715DVD,725DVD/-B,735DVD,745DVD,765DVD,815DVD | | | | | |
| 201 | 1G | | A02-2723-03 | PLASTIC CABINET ASSY | |
| 202 | 3F | * | A10-5137-02 | CHASSIS CALKING ASSY | |
| 203 | 2F | * | A10-5013-13 | CHASSIS CALKING ASSY | |
| 204 | 2F | * | A10-5015-23 | CHASSIS CALKING ASSY | |
| 205 | 2E | * | A10-5018-22 | CHASSIS | |
| 206 | 3C | * | A11-1638-04 | SUB CHASSIS CALKING ASSY | |
| 207 | 1C | * | A21-4347-02 | DRESSING PANEL | KK1R1 |
| 207 | 1C | * | A21-4347-02 | DRESSING PANEL | M1C1X1 |
| 207 | 1C | * | A21-4347-02 | DRESSING PANEL | E1 |
| 207 | 1C | * | A21-4348-02 | DRESSING PANEL | E2 |
| 208 | 1D | * | A21-4349-03 | DRESSING PANEL | KK1R1 |
| 208 | 1D | * | A21-4349-03 | DRESSING PANEL | M1C1X1 |
| 208 | 1D | * | A21-4349-03 | DRESSING PANEL | E1 |
| 208 | 1D | * | A21-4350-03 | DRESSING PANEL | E2 |
| 210 | 3C | * | A22-3037-02 | SUB PANEL ASSY | KR1M1 |
| 210 | 3C | * | A22-3037-02 | SUB PANEL ASSY | C1X1E1 |
| 210 | 3C | * | A22-3038-02 | SUB PANEL ASSY | E2 |
| 210 | 3C | * | A22-3051-02 | SUB PANEL ASSY | K1 |
| 211 | 1D | | A46-1776-02 | REAR COVER | |
| 212 | 3C | * | A46-1804-01 | REAR COVER | |
| PA1 | 1C | * | A64-3311-01 | PANEL ASSY | K |
| PA1 | 1C | * | A64-3312-01 | PANEL ASSY | R1 |
| PA1 | 1C | * | A64-3313-01 | PANEL ASSY | M1 |
| PA1 | 1C | * | A64-3314-01 | PANEL ASSY | C1 |
| PA1 | 1C | * | A64-3315-01 | PANEL ASSY | X1 |
| PA1 | 1C | * | A64-3316-01 | PANEL ASSY | E1 |
| PA1 | 1C | * | A64-3317-01 | PANEL ASSY | E2 |
| PA1 | 1C | * | A64-3374-01 | PANEL ASSY | K1 |
| PA2 | 3C | * | A64-3326-12 | PANEL ASSY | E1 |
| PA2 | 3C | * | A64-3327-12 | PANEL ASSY | KR1 |
| PA2 | 3C | * | A64-3328-12 | PANEL ASSY | M1C1X1 |
| PA2 | 3C | * | A64-3329-12 | PANEL ASSY | E2 |
| PA2 | 3C | * | A64-3376-12 | PANEL ASSY | K1 |
| PME1 | 1D | * | A10-5136-01 | CHASSIS ASSY | |
| RM1 | 1G | * | A70-2064-05 | REMOTE CONTROLLER (RC-DV420) | |
| - | | | B46-0100-50 | WARRANTY CARD | |
| - | | | B46-0606-04 | ID CARD | KK1R1 |
| - | | | B46-0612-14 | ID CARD | M1C1X1 |
| - | | | B46-0612-14 | ID CARD | E1E2 |
| - | | | B46-0648-13 | USER CARD | K1 |
| - | | * | B54-4433-00 | INSTALLATION MANUAL (ENG,FRE,SPA,POR) | KK1R1 |
| - | | * | B54-4434-00 | INSTALLATION MANUAL (ENG,T-CHI,KOR,S-CHI) | M1C1X1 |
| - | | * | B54-4435-00 | INSTALLATION MANUAL (ENG,FRE,GER,DUT,ITA,SPA,POR) | E1E2 |
| - | | * | B64-2846-00 | INST. MANUAL (ENG,FRE,SPA) | KK1R1 |
| - | | * | B64-2847-00 | INST. MANUAL (PORTUGUESE) | R1 |
| - | | * | B64-2848-00 | INST. MANUAL (ENGLISH) | M1C1X1 |
| - | | * | B64-2849-00 | INST. MANUAL (T-CHI,KOR) | M1 |
| - | | * | B64-2850-00 | INST. MANUAL (S-CHI) | C1 |
| - | | * | B64-2851-00 | INST. MANUAL (ENGLISH) | E1E2 |
| - | | * | B64-2852-00 | INST. MANUAL (FRE,GER,DUT) | E1E2 |

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|----------|-------------|-------------|-------------|----------------------------|------------------|
| - | | * | B64-2853-00 | INST. MANUAL (ITA,SPA,POR) | E1E2 |
| 213 | 2G | | B07-3022-02 | ESCUTCHEON | KK1 |
| 213 | 2G | | B07-3058-02 | ESCUTCHEON | R1M1C1 |
| 213 | 2G | | B07-3058-02 | ESCUTCHEON | X1E1E2 |
| 215 | 3C | * | B07-3114-03 | ESCUTCHEON | KK1R1 |
| 215 | 3C | * | B07-3114-03 | ESCUTCHEON | M1C1X1 |
| 215 | 3C | * | B07-3114-03 | ESCUTCHEON | E1 |
| 215 | 3C | * | B07-3115-03 | ESCUTCHEON | E2 |
| 216 | 3C | * | B10-4553-03 | FRONT GLASS | KR1E1 |
| 216 | 3C | * | B10-4553-03 | FRONT GLASS | E2 |
| 216 | 3C | * | B10-4554-03 | FRONT GLASS | K1M1C1 |
| 216 | 3C | * | B10-4554-03 | FRONT GLASS | X1 |
| 218 | 3C | * | B19-2263-04 | LIGHTING BOARD | |
| 219 | 3C | * | B19-2264-04 | LIGHTING BOARD | |
| 220 | 1C | * | B43-1523-04 | KENWOOD BADGE | |
| LCD1 | 2C | | B38-1122-15 | LIQUID CRYSTAL | |
| 222 | 1G | | D10-4589-04 | LEVER | |
| 225 | 2F | | D10-4703-23 | ARM ASSY | |
| 226 | 3C | | D10-4727-03 | ARM | |
| 227 | 3C | | D10-4728-04 | ARM | |
| 228 | 3C | | D10-4729-04 | LEVER | |
| 229 | 2E | * | D10-4733-23 | ARM | |
| 230 | 2F | * | D10-4761-14 | LEVER ASSY | |
| 231 | 2F | * | D13-2251-14 | GEAR | |
| 232 | 2F | * | D13-2252-14 | GEAR | |
| 233 | 1F | * | D13-2253-14 | GEAR | |
| 234 | 1F | * | D13-2256-14 | GEAR | |
| 235 | 1F | * | D13-2257-14 | GEAR | |
| 236 | 1F | | D13-2258-24 | GEAR | |
| 237 | 1E | | D13-2259-24 | GEAR | |
| 238 | 1F | * | D13-2260-14 | GEAR | |
| 239 | 1F | | D13-2261-14 | GEAR | |
| 240 | 3F | | D13-2262-23 | RACK (GEAR) | |
| 241 | 1F | * | D13-2263-14 | GEAR | |
| 242 | 1F | * | D13-2264-14 | GEAR | |
| 243 | 2F | * | D13-2265-14 | GEAR | |
| 244 | 3C | | D13-2280-04 | GEAR | |
| 245 | 2F | * | D21-2416-23 | SHAFT | |
| 246 | 3C | | D39-0239-05 | DAMPER | |
| 247 | 2C | | E29-1924-04 | LEAD PLATE | |
| 248 | 2D | * | E30-6298-05 | CORD WITH PINPLUG | |
| 249 | 1G | * | E30-6300-05 | CORD WITH PLUG | |
| 250 | 2G | * | E30-6301-05 | CORD WITH PLUG (6m) | |
| DC1 | 1G | * | E30-6337-05 | DC CORD (8PIN) | E1E2 |
| DC2 | 1G | * | E30-6338-05 | DC CORD (8PIN) | KK1R1 |
| DC2 | 1G | * | E30-6338-05 | DC CORD (8PIN) | M1C1X1 |
| DC3 | 1G | * | E30-6339-05 | DC CORD (16PIN : 6m) | KK1R1 |
| DC3 | 1G | * | E30-6339-05 | DC CORD (16PIN : 6m) | M1C1X1 |
| DC4 | 1G | * | E30-6340-05 | DC CORD (16PIN : 6m) | E1E2 |
| FC1 | 2F | | E39-0537-15 | FLAT CABLE (9PIN) | |
| FC2 | 3C | * | E39-0675-05 | FLAT CABLE (16PIN) | |
| FC3 | 2D | * | E39-0676-05 | FLAT CABLE (50PIN) | |
| 261 | 1D | * | F07-1145-04 | COVER | KK1R1 |

K : KVT-715DVD **K1** : KVT-815DVD **R1** : KVT-745DVD **M1** : KVT-735DVD
C1 : KVT-765DVD **X1** : KVT-745DVD **E1** : KVT-725DVD **E2** : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

KVT-715DVD,725DVD/-B,735DVD,745DVD,765DVD,815DVD

| Ref. No. | Added | New | Parts No. | Description | Destination |
|----------------------------------|-------|-----|--------------|-------------------------------|-------------|
| 261 | 1D | * | F07-1145-04 | COVER | M1C1X1 |
| 261 | 1D | * | F07-1145-04 | COVER | E1 |
| 261 | 1D | * | F07-1146-04 | COVER | E2 |
| 262 | 2C | | F09-1260-04 | SHEET | |
| 263 | 2C | | F09-1801-04 | SHEET | |
| 264 | 1D | | F09-1832-24 | SHEET | |
| 265 | 2D | * | F09-1887-02 | SHEET | |
| 266 | 2C | | F12-0775-04 | SHIELDING SHEET | |
| 267 | 3C | * | F19-1431-03 | BLIND PLATE | |
| 268 | 2C | | F20-2235-14 | INSULATING SHEET | |
| 269 | 3F | * | F20-2240-14 | INSULATING SHEET | |
| 270 | 2D | | F29-0049-05 | INSULATING COVER | |
| △ F1 | 1G | | F52-0004-05 | FUSE (5A : MINI BLADE) | |
| △ F2 | 2G | | F52-0006-05 | FUSE (10A : MINI BLADE) | |
| 271 | 2F | * | G01-3152-14 | EXTENSION SPRING | |
| 272 | 3E | * | G01-3153-14 | TORSION COIL SPRING | |
| 273 | 3E | * | G01-3161-14 | TORSION COIL SPRING | |
| 274 | 3C | | G01-3168-04 | TORSION COIL SPRING | |
| 275 | 3C | | G01-3169-14 | COMPRESSION SPRING | |
| 276 | 3C | | G01-3170-04 | TORSION COIL SPRING | |
| 277 | 2E | * | G11-3512-14 | CUSHION | |
| 278 | 1F | * | G16-1452-14 | SHEET | |
| 279 | 2F | * | G16-1453-14 | SHEET | |
| 280 | 3C | | G16-1460-14 | SHEET | |
| 281 | 3D | * | G16-1526-04 | SHEET (IC) | |
| 284 | 3C | * | G11-3601-04 | CUSHION | |
| - | | * | H12-2747-03 | PACKING FIXTURE | |
| - | | | H25-0337-04 | PROTECTION BAG (180X300X0.03) | KK1R1 |
| - | | | H25-0337-04 | PROTECTION BAG (180X300X0.03) | M1C1X1 |
| - | | | H25-1115-04 | PROTECTION BAG | E1E2 |
| - | | | H25-1132-04 | PROTECTION BAG (0.3X280X450) | KK1R1 |
| - | | | H25-1132-04 | PROTECTION BAG (0.3X280X450) | M1C1X1 |
| - | | | H25-1158-04 | PROTECTION BAG (220X350X0.03) | E1E2 |
| - | | * | H54-3165-03 | ITEM CARTON CASE | K |
| - | | * | H54-3166-03 | ITEM CARTON CASE | K1 |
| - | | * | H54-3167-03 | ITEM CARTON CASE | R1 |
| - | | * | H54-3168-03 | ITEM CARTON CASE | M1 |
| - | | * | H54-3169-03 | ITEM CARTON CASE | C1 |
| - | | * | H54-3170-03 | ITEM CARTON CASE | X1 |
| - | | * | H54-3171-03 | ITEM CARTON CASE | E1 |
| - | | * | H54-3172-03 | ITEM CARTON CASE | E2 |
| 282 | 2E | | J19-5207-23 | HOLDER | |
| 283 | 3E | * | J19-5235-14 | HOLDER | |
| 285 | 1G | | J21-9784-04 | MOUNTING HARDWARE | M1C1X1 |
| 286 | 3E | * | J21-9916-22 | MOUNTING HARDWARE ASSY | |
| 287 | 1G | | J21-9934-03 | MOUNTING HARDWARE ASSY | |
| 288 | 1F | * | J21-9947-14 | MOUNTING HARDWARE ASSY | |
| 289 | 1F | * | J21-9949-14 | MOUNTING HARDWARE | |
| 290 | 1F | * | J21-9984-14 | MOUNTING HARDWARE ASSY | |
| 291 | 1F | * | J21-9986-13 | MOUNTING HARDWARE ASSY | |
| 292 | 1F | * | J21-9987-13 | MOUNTING HARDWARE ASSY | |
| 293 | 3F | * | J90-1053-13 | GUIDE | |
| 294 | 2E | * | J90-1064-13 | GUIDE | |
| FPC1 | 2C | | J84-0150-05 | FLEXIBLE PRINTED WIRING BOARD | |
| Ref. No. | Added | New | Parts No. | Description | Destination |
| FPC2 | 2D | | J84-0151-05 | FLEXIBLE PRINTED WIRING BOARD | |
| FPC3 | 2D | * | J84-0158-05 | FLEXIBLE PRINTED WIRING BOARD | |
| 295 | 1C | | K24-4013-04 | KNOB (OPEN/CLOSE) | |
| 296 | 3C | * | K24-4168-04 | KNOB (ATT) | |
| 297 | 3C | * | K24-4169-04 | KNOB (SRC) | |
| 298 | 3C | * | K24-4170-04 | KNOB (RELEASE) | |
| 299 | 1D | | K25-1520-04 | KNOB (VOL.) | |
| 300 | 1C | * | K25-1647-03 | KNOB (SCREEN, FNC) | KK1R1 |
| 300 | 1C | * | K25-1647-03 | KNOB (SCREEN, FNC) | M1C1X1 |
| 300 | 1C | * | K25-1647-03 | KNOB (SCREEN, FNC) | E1 |
| 300 | 1C | * | K25-1648-03 | KNOB (SCREEN, FNC) | E2 |
| 301 | 3C | * | K25-1649-03 | KNOB (TI, EJECT) | KK1R1 |
| 301 | 3C | * | K25-1649-03 | KNOB (TI, EJECT) | M1C1X1 |
| 301 | 3C | * | K25-1650-03 | KNOB (TI, EJECT) | E1 |
| 302 | 3C | * | K29-7093-04 | KEY TOP (4WAY) | E2 |
| 303 | 3C | * | K29-7094-04 | KEY TOP (SRC CAP) | |
| 304 | 1G | | N99-1558-05 | SCREW SET | |
| 305 | 1G | | N99-1723-05 | SCREW SET | KK1R1 |
| 305 | 1G | | N99-1723-05 | SCREW SET | M1C1X1 |
| A | 2E | * | N09-6062-15 | STEPPED SCREW | |
| B | 3E | * | N09-6063-15 | MACHINE SCREW (M2X2.2) | |
| C | 3F | * | N09-6064-15 | MACHINE SCREW (M2X3.5) | |
| D | 1F | * | N09-6065-15 | MACHINE SCREW (M1.7X2.5) | |
| E | 3F | * | N09-6066-15 | STEPPED SCREW | |
| F | 3F | * | N09-6111-15 | MACHINE SCREW | |
| G | 3C | | N09-6125-05 | TAPTITE SCREW (P2X4) | |
| H | 2D | * | N09-6227-15 | MACHINE SCREW (M2.6X 3.2NI) | |
| J | 3C | * | N09-6232-05 | MACHINE SCREW (M2.0X3.0) | |
| K | 3C | | N19-2022-04 | FLAT WASHER | |
| L | 2F | | N19-2127-14 | FLAT WASHER | |
| M | 2F | | N29-0206-04 | RETAINING RING | |
| N | 3C | * | N80-2005-48 | PAN HEAD TAPTITE SCREW | K1M1C1 |
| N | 3C | * | N80-2005-48 | PAN HEAD TAPTITE SCREW | X1 |
| Q | 3C | | N80-2008-43 | PAN HEAD TAPTITE SCREW | |
| R | 3C | | N82-2006-48 | BINDING HEAD TAPTITE SCREW | |
| S | 1D | | N82-2008-43 | BINDING HEAD TAPTITE SCREW | |
| T | 2C | * | N89-2606-48 | BINDING HEAD TAPTITE SCREW | |
| U | 3D | * | N89-2610-43 | BINDING HEAD TAPTITE SCREW | |
| 306 | 2C | | S79-0845-05 | SWITCH ASSY | |
| 309 | 1G | | T90-0512-05 | ANTENNA ADAPTOR | E1E2 |
| 311 | 3C | * | W02-3478-05 | ELECTRIC CIRCUIT MODULE | K1M1C1 |
| 311 | 3C | * | W02-3478-05 | ELECTRIC CIRCUIT MODULE | X1 |
| VME1 | 2D | | X92-5020-02 | MECHANISM ASSY (DVS-3042) | |
| VIDEO CONTROL UNIT (X14-939x-xx) | | | | | |
| C100 | | | CK73GB1H103K | CHIP C | 0.010UF K |
| C101 | | * | C90-5670-05 | ELECTRO | 2200UF 16WV |
| C102 | | | CK73GB1H103K | CHIP C | 0.010UF K |
| C103-105 | | | CK73GB1H104K | CHIP C | 0.10UF K |
| C106,107 | | | CK73GB1C333K | CHIP C | 0.033UF K |
| C108 | | | CK73GB1E223K | CHIP C | 0.022UF K |

K : KVT-715DVD **K1** : KVT-815DVD **R1** : KVT-745DVD **M1** : KVT-735DVD
C1 : KVT-765DVD **X1** : KVT-745DVD **E1** : KVT-725DVD **E2** : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

VIDEO CONTROL UNIT (X14-939x-xx)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|--|-------------|-------------|---|--|---------------------------------|
| C109-111 C112 C113 C114 C115,116 | | | CK73GB1H472K CK73FB1C105K CK73GB1H104K CK73EB1E474K CK73GB1H104K | CHIP C 4700PF K CHIP C 1.0UF K CHIP C 0.10UF K CHIP C 0.47UF K CHIP C 0.10UF K | |
| C117 C118 C119 C120,121 C122 | | | CK73FB1H104K CE32AZ1C221M CK73GB1H104K CK73FB1H104K CK73FB1C105K | CHIP C 0.10UF K CHIP EL 220UF 16WV CHIP C 0.10UF K CHIP C 0.10UF K CHIP C 1.0UF K | |
| C123,124 C125,126 C127 C128 C129 | | | CK73GB1H472K CK73GB1C104K CK73DF1C106Z CK73EB0J106K CK73GB1C104K | CHIP C 4700PF K CHIP C 0.10UF K CHIP C 10UF Z CHIP C 10UF K CHIP C 0.10UF K | |
| C130-133 C134 C135 C136 C137 | | | C93-1210-05 CK73GB1H103K CC73GCH1H391J C93-1210-05 CK73DF1E106Z | CHIP C 10UF K CHIP C 0.010UF K CHIP C 390PF J CHIP C 10UF K CHIP C 10UF Z | |
| C138-140 C141 C142 C143 C144 | | * | CK73GB1H471K C93-1210-05 CK73GB1H102K CE32AU0J121M CE32AU1A560M | CHIP C 470PF K CHIP C 10UF K CHIP C 1000PF K CHIP EL 120UF 6.3WV CHIP EL 56UF 10WV | |
| C145 C146 C148,149 C151 C152 | | | CE32AU0G331M CE32AU1A560M CK73GB1C104K CK73DF1C106Z CE32AU1A560M | CHIP EL 330UF 4.0WV CHIP EL 56UF 10WV CHIP C 0.10UF K CHIP C 10UF Z CHIP EL 56UF 10WV | |
| C153 C154,155 C156 C157 C158 | | | CK73EB0J106K CK73GB1C104K CK73GB1H562K CK73GB1H104K CK73GB1C104K | CHIP C 10UF K CHIP C 0.10UF K CHIP C 5600PF K CHIP C 0.10UF K CHIP C 0.10UF K | |
| C159,160 C161 C200-202 C203,204 C205 | | | C92-1766-05 CE32AZ1C221M CK73GB1H103K CC73GCH1H220J C92-1359-05 | CHIP EL 22UF 12.5WV CHIP EL 220UF 16WV CHIP C 0.010UF K CHIP C 22PF J CHIP-TAN 10UF 16WV | |
| C206-208 C209 C210,211 C212 C213-216 | | | CK73GB1H103K CK73GB1C104K CK73GB1H103K CK73FB1C105K CK73GB1H103K | CHIP C 0.010UF K CHIP C 0.10UF K CHIP C 0.010UF K CHIP C 1.0UF K CHIP C 0.010UF K | |
| C217 C300 C301 C302 C302,303 | | | CK73GB1C104K CK73GB1C104K C92-1685-05 CK73GB1C104K CK73GB1C104K | CHIP C 0.10UF K CHIP C 0.10UF K CHIP EL 47UF 6.3WV CHIP C 0.10UF K CHIP C 0.10UF K | KK1R1 M1C1X1 |
| C302,303 C304 C306 C306 C306 | | | CK73GB1C104K CK73EB0J106K CC73GCH1H270J CC73GCH1H270J CC73GCH1H470J | CHIP C 0.10UF K CHIP C 10UF K CHIP C 27PF J CHIP C 27PF J CHIP C 47PF J | E1E2 M1C1X1 E1E2 KK1R1 |

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|--|-------------|-------------|---|---|----------------------------------|
| C307 C309 C309 C310 C311 | | | CK73GB1C104K CC73GCH1H180J CC73GCH1H180J CC73GCH1H220J CK73GB1C104K | CHIP C 0.10UF K CHIP C 18PF J CHIP C 18PF J CHIP C 22PF J CHIP C 0.10UF K | M1C1X1 E1E2 M1C1X1 |
| C311 C312,313 C314,315 C316 C317 | | | CK73GB1C104K CK73GB0J105K CK73GB1C104K CK73GB0J105K CC73GCH1H180J | CHIP C 0.10UF K CHIP C 1.0UF K CHIP C 0.10UF K CHIP C 1.0UF K CHIP C 18PF J | E1E2 E1E2 |
| C318 C318 C319,320 C321-323 C324 | | | CC73GCH1H270J CC73GCH1H270J CK73GB0J225K CK73GB0J105K CK73GB1H223K | CHIP C 27PF J CHIP C 27PF J CHIP C 2.2UF K CHIP C 1.0UF K CHIP C 0.022UF K | M1C1X1 E1E2 |
| C325 C326 C326 C326,327 C328-330 | | | CK73GB0J475K CK73GB1C104K CK73GB1C104K CK73GB1C104K CK73GB0J105K | CHIP C 4.7UF K CHIP C 0.10UF K CHIP C 0.10UF K CHIP C 0.10UF K CHIP C 1.0UF K | KK1R1 M1C1X1 E1E2 E1E2 |
| C331 C332,333 C332,333 C334 C335,336 | | | CK73GB1C104K CK73GB0J105K CK73GB0J105K CK73GB1C104K CK73GB0J105K | CHIP C 0.10UF K CHIP C 1.0UF K CHIP C 1.0UF K CHIP C 0.10UF K CHIP C 1.0UF K | E1E2 M1C1X1 E1E2 M1C1X1 |
| C335,336 C337 C338 C339 C340 | | | CK73GB0J105K CK73GB1A474K CK73EB0J106K CK73GB1H223K CK73GB0J105K | CHIP C 1.0UF K CHIP C 0.47UF K CHIP C 10UF K CHIP C 0.022UF K CHIP C 1.0UF K | E1E2 |
| C341 C342,343 C344 C345-350 C351 | | | CK73EB0J106K CK73GB0J105K CK73GB1H223K CK73GB0J105K CK73FB1A225K | CHIP C 10UF K CHIP C 1.0UF K CHIP C 0.022UF K CHIP C 1.0UF K CHIP C 2.2UF K | |
| C352,353 C354,355 C356 C357 C358 | | | CK73GB1H103K CK73FB1A225K CK73GB1C104K CK73EB0J106K CK73GB1C104K | CHIP C 0.010UF K CHIP C 2.2UF K CHIP C 0.10UF K CHIP C 10UF K CHIP C 0.10UF K | |
| C361 C362 C363 C364 C365 | | | C92-1685-05 CK73GB1C104K CK73EB0J106K CC73GCH1H331J CK73GB0J105K | CHIP EL 47UF 6.3WV CHIP C 0.10UF K CHIP C 10UF K CHIP C 330PF J CHIP C 1.0UF K | |
| C366,367 C368 C370 C371 C372 | | | CK73GB1C104K CK73GB0J105K CK73GB1H103K CK73GB0J475K CK73GB1H153K | CHIP C 0.10UF K CHIP C 1.0UF K CHIP C 0.010UF K CHIP C 4.7UF K CHIP C 0.015UF K | |
| C373 C374 C375 C376 C400 | | | CC73GCH1H151J CC73GCH1E102J CC73GCH1H470J CC73GCH1H150J CC73GCH1H070D | CHIP C 150PF J CHIP C 1000PF J CHIP C 47PF J CHIP C 15PF J CHIP C 7.0PF D | M1C1X1 |

K : KVT-715DVD
C1 : KVT-765DVD

K1 : KVT-815DVD
X1 : KVT-745DVD

R1 : KVT-745DVD
E1 : KVT-725DVD

M1 : KVT-735DVD
E2 : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

VIDEO CONTROL UNIT (X14-939x-xx)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation | Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|----------|-------------|-------------|---------------|--------------------|------------------|-----------|-------------|-------------|---------------|----------------------------------|------------------|
| C400 | | | CC73GCH1H070D | CHIP C 7.0PF D | E1E2 | C750 | | | CK73GB1C104K | CHIP C 0.10UF K | |
| C400 | | | CC73GCH1H100D | CHIP C 10PF D | KK1R1 | C770,771 | | | CK73GB1C104K | CHIP C 0.10UF K | |
| C401 | | | CC73GCH1H120J | CHIP C 12PF J | | C800,801 | | | CC73GCH1H101J | CHIP C 100PF J | |
| C402 | | | CK73EB0J106K | CHIP C 10UF K | | C900,901 | | | CC73GCH1H101J | CHIP C 100PF J | |
| C403 | | | CK73GB1C104K | CHIP C 0.10UF K | | C902 | | | CK73GB0J105K | CHIP C 1.0UF K | |
| C404 | | | CK73GB0J105K | CHIP C 1.0UF K | | C903,904 | | | CC73GCH1H101J | CHIP C 100PF J | |
| C405-409 | | | CK73GB1C104K | CHIP C 0.10UF K | | C906 | | | CC73GCH1H101J | CHIP C 100PF J | |
| C410 | | | CK73EB0J106K | CHIP C 10UF K | | C918 | | | C92-1485-05 | CHIP C 22UF 6.3WV | |
| C411 | | | CK73GB1C104K | CHIP C 0.10UF K | | C919-922 | | | CK73GB1H104K | CHIP C 0.10UF K | |
| C412 | | | CK73GB0J105K | CHIP C 1.0UF K | | C925-927 | | | CK73GB1C104K | CHIP C 0.10UF K | |
| C413-416 | | | CK73GB1C104K | CHIP C 0.10UF K | | TC1 | * | | C05-0516-05 | CERAMIC TRIMMER CAPACITOR (10PF) | |
| C417 | | | CC73GCH1H050C | CHIP C 5.0PF C | M1C1X1 | CN501 | * | | E41-2114-05 | FLAT CABLE CONNECTOR | |
| C417 | | | CC73GCH1H050C | CHIP C 5.0PF C | E1E2 | CN770 | | | E40-9409-05 | PIN ASSY | |
| C520,521 | | | CK73EB0J106K | CHIP C 10UF K | | CN801 | * | | E41-2077-05 | PIN ASSY | |
| C522 | | | CK73GB1C104K | CHIP C 0.10UF K | | CN850 | * | | E41-0341-05 | FLAT CABLE CONNECTOR | |
| C540 | | | CK73GB0J105K | CHIP C 1.0UF K | | CN900 | * | | E41-2115-05 | FLAT CABLE CONNECTOR | |
| C541 | | | CC73GCH1H120J | CHIP C 12PF J | | CN904 | * | | E41-2074-05 | PIN ASSY | |
| C542 | | | CC73GCH1H100D | CHIP C 10PF D | | J100 | | | E58-0899-05 | RECTANGULAR RECEPTACLE | |
| C561-567 | | | CK73GB1C104K | CHIP C 0.10UF K | | P100-103 | | | E23-0746-05 | TERMINAL | |
| C580 | | | CK73GB1C104K | CHIP C 0.10UF K | | CF100-105 | | | L72-0780-05 | CERAMIC FILTER | |
| C601-606 | | | CK73GB1C104K | CHIP C 0.10UF K | | L100 | | | L19-0733-05 | TRANSFORMER FOR CONVERTER | |
| C607 | | | CK73GB0J105K | CHIP C 1.0UF K | | L101-105 | | | L33-1906-05 | CHOKE COIL | |
| C608-614 | | | CK73GB1C104K | CHIP C 0.10UF K | | L106,107 | | | L40-1001-78 | SMALL FIXED INDUCTOR (10UH) | |
| C615,616 | | | CK73EB0J106K | CHIP C 10UF K | | L200 | | | L92-0319-05 | CHIP FERRITE | |
| C617 | | | CK73GB0J105K | CHIP C 1.0UF K | | L300 | | | L40-4705-79 | SMALL FIXED INDUCTOR (47UH) | |
| C618-628 | | | CK73GB1C104K | CHIP C 0.10UF K | | L350 | | | L40-1001-78 | SMALL FIXED INDUCTOR (10UH) | |
| C650 | | | CK73GB1C104K | CHIP C 0.10UF K | | L400 | | | L40-1001-78 | SMALL FIXED INDUCTOR (10UH) | |
| C651-658 | | | CK73GB0J105K | CHIP C 1.0UF K | | L401 | * | | L41-2205-33 | SMALL FIXED INDUCTOR | |
| C659 | | | C92-1452-05 | ELECTRO 100UF 10WV | | L402 | | | L40-1001-78 | SMALL FIXED INDUCTOR (10UH) | |
| C660 | | | CK73EB0J106K | CHIP C 10UF K | | L540 | | | L40-1001-78 | SMALL FIXED INDUCTOR (10UH) | |
| C661 | | | CK73GB0J105K | CHIP C 1.0UF K | | L601 | | | L92-0373-05 | CHIP FERRITE | |
| C662 | | | CK73GB1C104K | CHIP C 0.10UF K | | L650 | | | L40-1001-78 | SMALL FIXED INDUCTOR (10UH) | |
| C663 | | | CK73EB0J106K | CHIP C 10UF K | | L651 | | | L92-0373-05 | CHIP FERRITE | |
| C664 | | | C92-1452-05 | ELECTRO 100UF 10WV | | L701,702 | | | L40-1001-78 | SMALL FIXED INDUCTOR (10UH) | |
| C665-668 | | | CK73GB1C104K | CHIP C 0.10UF K | | L750,751 | | | L92-0373-05 | CHIP FERRITE | |
| C669 | | | CK73EB0J106K | CHIP C 10UF K | | X200 | * | | L78-0892-05 | RESONATOR (19M) | |
| C670 | | | CK73GB1C104K | CHIP C 0.10UF K | | X201 | | | L77-2304-05 | CRYSTAL RESONATOR (32.768KHZ) | |
| C671,672 | | | CK73GB0J105K | CHIP C 1.0UF K | | X300 | | | L77-2806-05 | CRYSTAL RESONATOR (3.579545MHZ) | |
| C673 | | | CK73GB1C104K | CHIP C 0.10UF K | | X301 | | | L77-2807-05 | CRYSTAL RESONATOR (4.433619MHZ) | M1C1X1 |
| C674 | | | CK73GB1H103K | CHIP C 0.010UF K | | X301 | | | L77-2807-05 | CRYSTAL RESONATOR (4.433619MHZ) | |
| C675 | | | CK73GB0J105K | CHIP C 1.0UF K | | X360 | | | L78-0549-05 | RESONATOR (50KHZ) | E1E2 |
| C701 | | | CK73GB1H332K | CHIP C 3300PF K | | X540 | | | L77-2866-05 | CRYSTAL RESONATOR (27MHZ) | |
| C702,703 | | | CC73GCH1H681J | CHIP C 680PF J | | CP400-407 | | | RK74HB1J330J | CHIP-COM 33 J 1/16W | |
| C704 | | | CK73GB1C104K | CHIP C 0.10UF K | | CP501-505 | | | RK74HB1J330J | CHIP-COM 33 J 1/16W | |
| C705 | | | CK73DF1C106Z | CHIP C 10UF Z | | CP506-510 | | | RK74HB1J103J | CHIP-COM 10K J 1/16W | |
| C706 | | | CK73EB1A475K | CHIP C 4.7UF K | | CP601-604 | | | RK74HB1J472J | CHIP-COM 4.7K J 1/16W | |
| C707 | | | CC73GCH1H101J | CHIP C 100PF J | | CP605 | | | RK74HB1J470J | CHIP-COM 47 J 1/16W | |
| C708 | | | CK73GB1H332K | CHIP C 3300PF K | | CP606-612 | | | RK74HB1J220J | CHIP-COM 22 J 1/16W | |
| C709,710 | | | CC73GCH1H681J | CHIP C 680PF J | | CP613,614 | | | RK74HB1J330J | CHIP-COM 33 J 1/16W | |
| C711 | | | CK73EB1A475K | CHIP C 4.7UF K | | CP615-618 | | | RK74HB1J472J | CHIP-COM 4.7K J 1/16W | |
| C712 | | | CC73GCH1H101J | CHIP C 100PF J | | CP619-625 | | | RK74HB1J220J | CHIP-COM 22 J 1/16W | |
| C713 | | | CK73DF1C106Z | CHIP C 10UF Z | | R100-102 | | | RK73GB2A223J | CHIP R 22K J 1/10W | |
| C714,715 | | | CK73GB1C104K | CHIP C 0.10UF K | | R103 | | | RK73GB2A681J | CHIP R 680 J 1/10W | |
| C717 | | | CK73EB0J106K | CHIP C 10UF K | | | | | | | |
| C718 | | | CK73GB1C104K | CHIP C 0.10UF K | | | | | | | |

K : KVT-715DVD **K1** : KVT-815DVD **R1** : KVT-745DVD **M1** : KVT-735DVD
C1 : KVT-765DVD **X1** : KVT-745DVD **E1** : KVT-725DVD **E2** : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

VIDEO CONTROL UNIT (X14-939x-xx)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|----------|-------------|-------------|---------------|----------------------|------------------|
| R104 | | | RK73GB2A223J | CHIP R 22K J 1/10W | |
| R105 | | | RN73GH1J433D | CHIP R 43K D 1/16W | |
| R106 | | | RK73GB2A223J | CHIP R 22K J 1/10W | |
| R107 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R108 | | | RK73GB2A432J | CHIP R 4.3K J 1/10W | |
| R109 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | |
| R110 | | | RK73GB2A363J | CHIP R 36K J 1/10W | |
| R111 | | | RK73GB2A473J | CHIP R 47K J 1/10W | |
| R112 | | | RK73GB2A513J | CHIP R 51K J 1/10W | |
| R113 | | | RK73GB2A363J | CHIP R 36K J 1/10W | |
| R114 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R115 | | * | R92-3323-05 | CHIP R 3.3K J 1/2W | |
| R116 | | | RK73GB2A912J | CHIP R 9.1K J 1/10W | |
| R117 | | | RK73GB2A153J | CHIP R 15K J 1/10W | |
| R118 | | | RK73FB2B123J | CHIP R 12K J 1/8W | |
| R119 | | | RN73GH1J2552D | CHIP R 25.5K D 1/16W | |
| R120 | | | RN73GH1J154D | CHIP R 150K D 1/16W | |
| R121 | | | RK73GB2A473J | CHIP R 47K J 1/10W | |
| R122,123 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R124 | | | RK73GB2A822J | CHIP R 8.2K J 1/10W | |
| R125 | | | RN73GH1J104D | CHIP R 100K D 1/16W | |
| R126 | | | RN73GH1J2212D | CHIP R 22.1K D 1/16W | |
| R127 | | | RN73GH1J154D | CHIP R 150K D 1/16W | |
| R128 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | |
| R129 | | | RK73GB2A473J | CHIP R 47K J 1/10W | |
| R130 | | | RN73GH1J132D | CHIP R 1.3K D 1/16W | |
| R131-136 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R137-139 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R140 | | | RK73GB2A201J | CHIP R 200 J 1/10W | |
| R143 | | | RK73GB2A100J | CHIP R 10 J 1/10W | |
| R146 | | | RK73GB2A303J | CHIP R 30K J 1/10W | |
| R147 | | | RK73GB2A622J | CHIP R 6.2K J 1/10W | |
| R148 | | | RN73GH1J102D | CHIP R 1.0K D 1/16W | |
| R149 | | | RN73GH1J622D | CHIP R 6.2K D 1/16W | |
| R150 | | | RN73GH1J102D | CHIP R 1.0K D 1/16W | |
| R151 | | | RN73GH1J242D | CHIP R 2.4K D 1/16W | |
| R152 | | | RN73GH1J102D | CHIP R 1.0K D 1/16W | |
| R153 | | | RN73GH1J133D | CHIP R 13K D 1/16W | |
| R154 | | | RK73GH2A202D | CHIP R 2.0K D 1/10W | |
| R155 | | | RN73GH1J102D | CHIP R 1.0K D 1/16W | |
| R156 | | | RN73GH1J4021D | CHIP R 4.02K D 1/16W | |
| R157 | | | RN73GH1J752D | CHIP R 7.5K D 1/16W | |
| R158 | | | RN73GH1J102D | CHIP R 1.0K D 1/16W | |
| R159 | | | RN73GH1J622D | CHIP R 6.2K D 1/16W | |
| R160 | | * | RK73GH2A203D | CHIP R 20K D 1/10W | |
| R161 | | | R92-3416-05 | CHIP R 0.27 J 1/2W | |
| R162 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R163 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | |
| R201 | | | RK73GB2A103J | CHIP R 10K J 1/10W | KM1E1 |
| R201 | | | RK73GB2A103J | CHIP R 10K J 1/10W | E2 |
| R201,202 | | | RK73GB2A103J | CHIP R 10K J 1/10W | K1R1C1 |
| R201,202 | | | RK73GB2A103J | CHIP R 10K J 1/10W | X1 |
| R203 | | | RK73GB2A103J | CHIP R 10K J 1/10W | K |
| R203,204 | | | RK73GB2A103J | CHIP R 10K J 1/10W | M1E1C2 |
| R204 | | | RK73GB2A103J | CHIP R 10K J 1/10W | K1R1 |
| R205 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R205,206 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R206 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R207 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R207 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R208-211 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R212 | | | RK73GB2A471J | CHIP R 470 J 1/10W | |
| R213,214 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R215 | | | RK73GB2A684J | CHIP R 680K J 1/10W | |
| R216 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | |
| R217 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R218 | | | RK73GB2A225J | CHIP R 2.2M J 1/10W | |
| R219 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R222 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R223 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R224 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R225-227 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R228-233 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R234 | | | RK73GB2A123J | CHIP R 12K J 1/10W | |
| R235 | | | RK73GB2A473J | CHIP R 47K J 1/10W | |
| R236 | | | RK73GB2A123J | CHIP R 12K J 1/10W | |
| R237 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R238 | | | RK73GB2A123J | CHIP R 12K J 1/10W | |
| R239 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R240 | | | RK73GB2A123J | CHIP R 12K J 1/10W | |
| R241 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R242 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R243 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R244 | | | RK73GB2A473J | CHIP R 47K J 1/10W | |
| R248-254 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R256-258 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R259 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R300 | | | RK73GB2A471J | CHIP R 470 J 1/10W | |
| R301 | | | RK73GB2A103J | CHIP R 10K J 1/10W | M1C1X1 |
| R301 | | | RK73GB2A103J | CHIP R 10K J 1/10W | E1E2 |
| R302 | | | RK73GB2A152J | CHIP R 1.5K J 1/10W | |
| R303 | | | RK73GB2A752J | CHIP R 7.5K J 1/10W | |
| R304,305 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R306 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R307 | | | RK73GB2A332J | CHIP R 3.3K J 1/10W | |
| R308 | | | RK73GB2A105J | CHIP R 1.0M J 1/10W | |
| R309-312 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R313 | | | RK73GB2A473J | CHIP R 47K J 1/10W | |
| R360,361 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R362 | | | RK73GB2A272J | CHIP R 2.7K J 1/10W | |
| R363 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R364 | | | RK73GB2A361J | CHIP R 360 J 1/10W | |
| R365 | | | RK73GB2A914J | CHIP R 910K J 1/10W | |
| R366,367 | | | RK73GB2A471J | CHIP R 470 J 1/10W | |
| R368 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R369 | | | RK73GB2A471J | CHIP R 470 J 1/10W | |
| R370 | | | RK73GB2A302J | CHIP R 3.0K J 1/10W | |
| R371 | | | RN73GH1J182D | CHIP R 1.8K D 1/16W | |
| R372 | | | RN73GH1J391D | CHIP R 390 D 1/16W | |
| R373 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |

K : KVT-715DVD

C1 : KVT-765DVD

K1 : KVT-815DVD

X1 : KVT-745DVD

R1 : KVT-745DVD

E1 : KVT-725DVD

M1 : KVT-735DVD

E2 : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

VIDEO CONTROL UNIT (X14-939x-xx)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation | Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|----------|-------------|-------------|--------------|---------------------|------------------|----------|-------------|-------------|--------------|-----------------------------------|------------------|
| R374 | | | RK73GB2A471J | CHIP R 470 J 1/10W | | R670 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R375 | | | RK73GB2A101J | CHIP R 100 J 1/10W | | R671,672 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R380-383 | | | RK73GB2A101J | CHIP R 100 J 1/10W | | R673 | | | RN73GH1J151D | CHIP R 150 D 1/16W | |
| R384,385 | | | RK73GB2A471J | CHIP R 470 J 1/10W | | R675 | | | RK73GB2A223J | CHIP R 22K J 1/10W | |
| R386 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | | R676 | | | RK73GB2A333J | CHIP R 33K J 1/10W | |
| R387 | | | RN73GH1J473D | CHIP R 47K D 1/16W | | R677 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R388 | | | RK73GB2A241J | CHIP R 240 J 1/10W | | R678 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | |
| R389 | | | RK73GB2A272J | CHIP R 2.7K J 1/10W | | R701,702 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | |
| R400 | | | RK73GB2A103J | CHIP R 10K J 1/10W | | R703 | | | RK73GB2A302J | CHIP R 3.0K J 1/10W | |
| R401 | | | RK73GB2A680J | CHIP R 68 J 1/10W | | R704,705 | | | RK73GB2A201J | CHIP R 200 J 1/10W | |
| R402 | | | RK73GB2A152J | CHIP R 1.5K J 1/10W | | R706 | | | RK73GB2A302J | CHIP R 3.0K J 1/10W | |
| R403 | | | RK73GB2A101J | CHIP R 100 J 1/10W | | R707 | | | RK73GB2A471J | CHIP R 470 J 1/10W | |
| R404 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | | R708 | | | RK73GB2A182J | CHIP R 1.8K J 1/10W | |
| R405 | | | RK73GB2A272J | CHIP R 2.7K J 1/10W | | R709 | | | RK73GB2A100J | CHIP R 10 J 1/10W | |
| R406 | | | RK73GB2A101J | CHIP R 100 J 1/10W | | R710,711 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | |
| R407 | | | RK73GB2A272J | CHIP R 2.7K J 1/10W | | R712 | | | RK73GB2A302J | CHIP R 3.0K J 1/10W | |
| R408 | | | RK73GB2A101J | CHIP R 100 J 1/10W | | R713,714 | | | RK73GB2A201J | CHIP R 200 J 1/10W | |
| R409 | | | RK73GB2A272J | CHIP R 2.7K J 1/10W | | R715 | | | RK73GB2A302J | CHIP R 3.0K J 1/10W | |
| R410,411 | | | RK73GB2A104J | CHIP R 100K J 1/10W | | R716 | | | RK73GB2A471J | CHIP R 470 J 1/10W | |
| R412 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | | R717 | | | RK73GB2A182J | CHIP R 1.8K J 1/10W | |
| R413,414 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | | R718 | | | RK73GB2A100J | CHIP R 10 J 1/10W | |
| R415-417 | | | RK73GB2A151J | CHIP R 150 J 1/10W | | R719 | | | RK73GB2A682J | CHIP R 6.8K J 1/10W | |
| R501 | | | RK73GB2A330J | CHIP R 33 J 1/10W | | R720 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | |
| R502 | | | RK73GB2A103J | CHIP R 10K J 1/10W | | R721 | | | RK73GB2A392J | CHIP R 3.9K J 1/10W | |
| R503 | | | RK73GB2A820J | CHIP R 82 J 1/10W | | R722 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R504,505 | | | RK73GB2A220J | CHIP R 22 J 1/10W | | R751,752 | | | RK73GB2A151J | CHIP R 150 J 1/10W | |
| R506,507 | | | RK73GB2A820J | CHIP R 82 J 1/10W | | R770 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R508 | | | RK73GB2A330J | CHIP R 33 J 1/10W | | R771 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | |
| R520 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | | R772-776 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | |
| R522-528 | | | RK73GB2A103J | CHIP R 10K J 1/10W | | R801-804 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | |
| R529,530 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | | R805-810 | | | RK73EB2E101J | CHIP R 100 J 1/4W | |
| R531,532 | | | RK73GB2A104J | CHIP R 100K J 1/10W | | R811-814 | | | RK73GB2A750J | CHIP R 75 J 1/10W | |
| R540,541 | | | RK73GB2A330J | CHIP R 33 J 1/10W | | R850-863 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R542 | | | RK73GB2A105J | CHIP R 1.0M J 1/10W | | R865,866 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R544 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | | R867 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R586 | | | RK73GB2A152J | CHIP R 1.5K J 1/10W | | R900-902 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | |
| R587 | | | RK73GB2A332J | CHIP R 3.3K J 1/10W | | R903-905 | | | RK73EB2E100J | CHIP R 10 J 1/4W | |
| R601-603 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | | R909 | | | RK73EB2E101J | CHIP R 100 J 1/4W | |
| R604 | | | RK73GB2A470J | CHIP R 47 J 1/10W | | R911 | | | RK73EB2E101J | CHIP R 100 J 1/4W | |
| R605-613 | | | RK73GB2A220J | CHIP R 22 J 1/10W | | R913 | | | RK73EB2E101J | CHIP R 100 J 1/4W | |
| R614 | | | RK73GB2A330J | CHIP R 33 J 1/10W | | R914 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R615-617 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | | R921 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R618,619 | | | RK73GB2A220J | CHIP R 22 J 1/10W | | R924 | | | RK73GB2A473J | CHIP R 47K J 1/10W | |
| R620-627 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | | R925 | | | RN73GH1J123D | CHIP R 12K D 1/16W | |
| R650 | | | RK73GB2A332J | CHIP R 3.3K J 1/10W | | R926 | | | RN73GH1J152D | CHIP R 1.5K D 1/16W | |
| R651-654 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | | R927 | | | RN73GH1J243D | CHIP R 24K D 1/16W | |
| R655 | | | RK73GB2A750J | CHIP R 75 J 1/10W | | R928 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | |
| R656 | | | RK73GB2A391J | CHIP R 390 J 1/10W | | R929 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R657 | | | RK73GB2A152J | CHIP R 1.5K J 1/10W | | R930,931 | | | RK73GB2A101J | CHIP R 100 J 1/10W | K1M1 |
| R658,659 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | | VR1 | | | R32-0244-05 | SEMI FIXED VARIABLE RESISTOR (2K) | |
| R660 | | | RK73GB2A103J | CHIP R 10K J 1/10W | | W105-117 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | |
| R661,662 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | | W164,165 | | | R92-2053-05 | CHIP R 0 J 1/8W | |
| R663,664 | | | RK73GB2A101J | CHIP R 100 J 1/10W | | W202 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | |
| R665-668 | | | RN73GH1J750D | CHIP R 75 D 1/16W | | W300-302 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | KK1R1 |
| R669 | | | RN73GH1J151D | CHIP R 150 D 1/16W | | W300-302 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | M1C1X1 |

K : KVT-715DVD **K1** : KVT-815DVD **R1** : KVT-745DVD **M1** : KVT-735DVD
C1 : KVT-765DVD **X1** : KVT-745DVD **E1** : KVT-725DVD **E2** : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

VIDEO CONTROL UNIT (X14-939x-xx)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation | Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|----------|-------------|-------------|----------------|----------------------|------------------|-----------|-------------|-------------|----------------|--------------------|------------------|
| W400 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | D910 | | | DA204U | DIODE | |
| W408-414 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | D911,912 | | | MA3062WA | ZENER DIODE | |
| W501 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | D913 | | | DA204U | DIODE | |
| W520-522 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | D914 | | | MA8062-M | ZENER DIODE | |
| W560 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | D915 | | | UMZ8.2N | ZENER DIODE | |
| W580,581 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | D919-921 | | | MA3062WA | ZENER DIODE | |
| W601 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | D922,923 | | | MA8062-M | ZENER DIODE | |
| W603,604 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | D924 | | | AVRM1608120M6A | VARISTOR | |
| W606-609 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC100-102 | | | FA7703V | ANALOGUE IC | |
| W650-652 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC103 | | | TA78DL05F | ANALOGUE IC | |
| W654 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC104 | | | PQ1X331M2ZP | ANALOGUE IC | |
| W658 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC105 | | | TC75W56FU | MOS-IC | |
| W660 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC106 | | | TC7SH04FU | MOS-IC | |
| W701 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC107 | | | M5237ML | ANALOGUE IC | |
| W750 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC108 | | | SI-3012KM | ANALOGUE IC | |
| W754 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC200 | | | - | MEMORY IC | |
| W770 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC202,203 | | | LB1836M-TE-L | ANALOGUE IC | |
| W772-776 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC204 | * | | 70F3089YGJ-7R5 | MICROCONTROLLER IC | |
| W850 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC205 | | | TC7SH08F | MOS-IC | |
| W853 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC206 | | | TC7W14FU | MOS-IC | |
| W855 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC207 | | | PST9137NR | ANALOGUE IC | |
| W856 | | | R92-2052-05 | CHIP R 0 OHM J 1/10W | | IC300 | | | TA78L05F | ANALOGUE IC | |
| W859-865 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC301 | | | TDA4665T | ANALOGUE IC | |
| W868-870 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC301 | | | TDA4665T | ANALOGUE IC | |
| W872-876 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC302 | | | MM1389XFBE | ANALOGUE IC | |
| W881-888 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | | IC303 | | | AN2546FH-AV | ANALOGUE IC | |
| W906-908 | | | R92-2053-05 | CHIP R 0 J 1/8W | | IC304 | | | MM1234XFBE | ANALOGUE IC | |
| W910 | | | R92-2053-05 | CHIP R 0 J 1/8W | | IC305 | | | NJU7200U30 | ANALOGUE IC | |
| W912 | | | R92-2053-05 | CHIP R 0 J 1/8W | | IC361 | | | TC7W00FU | MOS-IC | |
| D100 | | | 1SR154-400 | DIODE | | IC362 | | | NJW1303V | ANALOGUE IC | |
| D101 | | | RD16S | ZENER DIODE | | IC363,364 | | | TC7W34FU | MOS-IC | |
| D102 | | | RD6.8M(B2) | ZENER DIODE | | IC365 | | | TC7WH123FU | MOS-IC | |
| D104 | | | DAN202U | DIODE | | IC400 | * | | LC74735NW9817E | MOS-IC | |
| D105 | | | RD6.8M(B2) | ZENER DIODE | | IC401 | * | | MB29LV8T9TN6R2 | ROM IC | |
| D106 | | | DAN202U | DIODE | | IC520 | * | | 29LV160ATI7R2 | ROM IC | |
| D107 | | | MA3062-M | ZENER DIODE | | IC521 | | | K6F1008V2CYF55 | SRAM IC | |
| D108-111 | | | EC31QS04 | DIODE | | IC522 | | | TC7SH00FU | MOS-IC | |
| D113 | | | EC31QS04 | DIODE | | IC540,541 | | | TC7SHU04FU | MOS-IC | |
| D114-117 | | | SB05-05CP | DIODE | | IC560 | | | MT48LC4M16T75I | DRAM IC | |
| D118,119 | | | D1F60 | DIODE | | IC580 | | | TC74VHCT08AFT | MOS-IC | |
| D300 | | | DAN202U | DIODE | | IC601 | | | ES6218SF | MOS-IC | |
| D301-303 | | | DA204U | DIODE | | IC650 | * | | MM1567AJBE | ANALOGUE IC | |
| D701 | | | DAP202U | DIODE | | IC651 | | | UPC2905T | ANALOGUE IC | |
| D800-804 | | | MA3062WA | ZENER DIODE | | IC652 | | | ADV7170KSU | MOS-IC | |
| D850-859 | | | AVRM1608120M6A | VARISTOR | | IC701 | | | NJM4580V | ANALOGUE IC | |
| D862 | | | DA204U | DIODE | | IC702 | | | TA78L05F | ANALOGUE IC | |
| D900,901 | | | DA204U | DIODE | | IC703 | | | AK4382AVT | ANALOGUE IC | |
| D902 | | | MA3062WA | ZENER DIODE | | IC770 | | | M4A3212VI8TV1 | MOS-IC | |
| D903 | | | DA204U | DIODE | | Q100-103 | | | UN5212 | DIGITAL TRANSISTOR | |
| D904,905 | | | MA3062WA | ZENER DIODE | | Q104,105 | | | 2SD1819A | TRANSISTOR | |
| D906 | | | DA204U | DIODE | | Q106 | | | HAT1038R | FET | |
| D907 | | | MA8062-M | ZENER DIODE | | Q107 | | | 2SC4081 | TRANSISTOR | |
| D908 | | | MA3062WA | ZENER DIODE | | Q108 | | | DTA124EUA | DIGITAL TRANSISTOR | |
| D909 | | | AVRM1608120M6A | VARISTOR | | Q109,110 | | | HAT1016R | DUAL FET | |
| | | | | | | Q111 | | | HAT3008R | DUAL FET | |

K : KVT-715DVD

C1 : KVT-765DVD

K1 : KVT-815DVD

X1 : KVT-745DVD

R1 : KVT-745DVD

E1 : KVT-725DVD

M1 : KVT-735DVD

E2 : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

VIDEO CONTROL UNIT (X14-939x-xx)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|---------------------------------------|-------------|-------------|---------------|------------------------------|------------------|
| Q112 | | | 2SB1184 | TRANSISTOR | |
| Q117 | | | DTC323TU | DIGITAL TRANSISTOR | |
| Q118 | | | 2SB1218A | TRANSISTOR | |
| Q119 | | | UN5212 | DIGITAL TRANSISTOR | |
| Q200 | | | UN5212 | DIGITAL TRANSISTOR | |
| Q201 | | | DTB123YK | DIGITAL TRANSISTOR | |
| Q202 | | | UN5212 | DIGITAL TRANSISTOR | |
| Q203 | | | DTB123YK | DIGITAL TRANSISTOR | |
| Q204 | | | UN5212 | DIGITAL TRANSISTOR | |
| Q205 | | | DTB123YK | DIGITAL TRANSISTOR | |
| Q206 | | | UN5113 | DIGITAL TRANSISTOR | |
| Q207 | | | UN5212 | DIGITAL TRANSISTOR | |
| Q300 | | | 2SA1576A | TRANSISTOR | M1C1X1 |
| Q300 | | | 2SA1576A | TRANSISTOR | E1E2 |
| Q360 | | | 2SC4081 | TRANSISTOR | |
| Q361,362 | | | 2SA1576A | TRANSISTOR | |
| Q400-402 | | | 2SA1576A | TRANSISTOR | |
| Q403 | | | DTC143EUA | DIGITAL TRANSISTOR | M1C1X1 |
| Q403 | | | DTC143EUA | DIGITAL TRANSISTOR | E1E2 |
| Q650 | | | DTA144EUA | DIGITAL TRANSISTOR | |
| Q651 | | | 2SC4081 | TRANSISTOR | |
| Q652 | | | DTC144EUA | DIGITAL TRANSISTOR | |
| Q701-703 | | | 2SC4081 | TRANSISTOR | |
| Q704 | | | DTC114TUA | DIGITAL TRANSISTOR | |
| Q705-707 | | | DTA114TUA | DIGITAL TRANSISTOR | |
| Q751 | | | 2SC4081 | TRANSISTOR | |
| Q752 | | | 2SA1576A | TRANSISTOR | |
| Q901 | | | 2SB1189 | TRANSISTOR | |
| Q902 | | | 2SC4081 | TRANSISTOR | |
| Q903 | | | DTC143EUA | DIGITAL TRANSISTOR | |
| SWITCH UNIT (X16-2250-00) | | | | | |
| CN1 | | | E41-0404-05 | FLAT CABLE (19PIN) | |
| R2 | | | RK73GB2A273J | CHIP R 27K J 1/10W | |
| R1 | | | RK73GB2A751J | CHIP R 750 J 1/10W | |
| VR1 | | | R31-0237-05 | SEMI FIXED VARIABLE RESISTOR | |
| S1 | | | S68-0863-05 | PUSH SWITCH | |
| S2,S3 | | | S68-0871-05 | PUSH SWITCH | |
| S4 | | | S68-0863-05 | PUSH SWITCH | |
| PH1 | | | T95-0235-05 | PHOTO INTERRUPTER | |
| SUB CIRCUIT UNIT (X16-2630-xx) | | | | | |
| D100 | | | B30-1658-05 | LED (RED,S) | |
| D207 | | | B30-1564-05 | LED (1608,BLUE) | |
| D209 | | | B30-1565-05 | LED (1608,PG) | K1M1C1 |
| D209 | | | B30-1565-05 | LED (1608,PG) | X1 |
| D209,210 | | | B30-1565-05 | LED (1608,PG) | KR1E1 |
| D209,210 | | | B30-1565-05 | LED (1608,PG) | |
| D211 | | | B30-1566-05 | LED (1608,RED) | E2 |
| D211 | | | B30-1566-05 | LED (1608,RED) | KR1E1 |
| D212 | | | B30-1565-05 | LED (1608,PG) | E2 |
| D213,214 | | | B30-1566-05 | LED (1608,RED) | |
| D215 | | | B30-1565-05 | LED (1608,PG) | |
| D216 | | | B30-1566-05 | LED (1608,RED) | |
| D217 | | | B30-1565-05 | LED (1608,PG) | |
| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
| D218 | | | B30-1566-05 | LED (1608,RED) | |
| C100,101 | | | CK73GB1C104K | CHIP C 0.10UF K | |
| C200,201 | | | CC73GCH1H101J | CHIP C 100PF J | |
| C202 | | | CK73GB1H221K | CHIP C 220PF K | |
| C203,204 | | | CC73GCH1H101J | CHIP C 100PF J | |
| C205 | | | CK73FB1A225K | CHIP C 2.2UF K | |
| C206-209 | | | CC73GCH1H101J | CHIP C 100PF J | |
| C210 | | | CK73FB1C105K | CHIP C 1.0UF K | K1M1C1 |
| C210 | | | CK73FB1C105K | CHIP C 1.0UF K | X1 |
| C211-214 | | | CC73GCH1H101J | CHIP C 100PF J | |
| C215 | | | CK73GB1C104K | CHIP C 0.10UF K | K1M1C1 |
| C215 | | | CK73GB1C104K | CHIP C 0.10UF K | X1 |
| C216 | | | CC73GCH1H101J | CHIP C 100PF J | |
| C218 | | | CK73GB1C104K | CHIP C 0.10UF K | |
| C219,220 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C221 | | | CK73GB1C104K | CHIP C 0.10UF K | K1M1C1 |
| C221 | | | CK73GB1C104K | CHIP C 0.10UF K | X1 |
| CN100 | | * | E41-2080-05 | FLAT CABLE CONNECTOR | |
| CN200 | | | E41-0456-05 | FLAT CABLE CONNECTOR | K1M1C1 |
| CN200 | | | E41-0456-05 | FLAT CABLE CONNECTOR | X1 |
| J100 | | | E58-0865-05 | RECTANGULAR RECEPTACLE | |
| J200 | | | E59-0829-05 | RECTANGULAR PLUG | |
| R100 | | | RK73GB2A221J | CHIP R 220 J 1/10W | |
| R101 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | |
| R103-105 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | |
| R108 | | | RK73EB2E101J | CHIP R 100 J 1/4W | |
| R110 | | | RK73EB2E101J | CHIP R 100 J 1/4W | |
| R200 | | | RK73EB2E101J | CHIP R 100 J 1/4W | |
| R201 | | | RK73EB2E431J | CHIP R 430 J 1/4W | |
| R202 | | | RK73EB2E391J | CHIP R 390 J 1/4W | |
| R203 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R204 | | | RK73EB2E241J | CHIP R 240 J 1/4W | |
| R205 | | | RK73EB2E561J | CHIP R 560 J 1/4W | K1M1C1 |
| R205 | | | RK73EB2E561J | CHIP R 560 J 1/4W | X1 |
| R206 | | | RK73EB2E431J | CHIP R 430 J 1/4W | |
| R207 | | | RK73EB2E561J | CHIP R 560 J 1/4W | K1M1C1 |
| R207 | | | RK73EB2E561J | CHIP R 560 J 1/4W | X1 |
| R208 | | | RK73EB2E101J | CHIP R 100 J 1/4W | |
| R209 | | | RK73EB2E561J | CHIP R 560 J 1/4W | K1M1C1 |
| R209 | | | RK73EB2E561J | CHIP R 560 J 1/4W | X1 |
| R210 | | | RK73EB2E431J | CHIP R 430 J 1/4W | KR1E1 |
| R210 | | | RK73EB2E431J | CHIP R 430 J 1/4W | E2 |
| R211 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | |
| R212 | | | RK73EB2E241J | CHIP R 240 J 1/4W | |
| R213 | | | RK73EB2E301J | CHIP R 300 J 1/4W | |
| R214 | | | RK73EB2E431J | CHIP R 430 J 1/4W | KR1E1 |
| R214 | | | RK73EB2E431J | CHIP R 430 J 1/4W | E2 |
| R215 | | | RK73GB2A332J | CHIP R 3.3K J 1/10W | |
| R216 | | | RK73EB2E431J | CHIP R 430 J 1/4W | |
| R217 | | | RK73GB2A562J | CHIP R 5.6K J 1/10W | |
| R218-220 | | | RK73GB2A101J | CHIP R 100 J 1/10W | K1M1C1 |
| R218-220 | | | RK73GB2A101J | CHIP R 100 J 1/10W | X1 |
| R221 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |

K : KVT-715DVD K1 : KVT-815DVD R1 : KVT-745DVD M1 : KVT-735DVD
C1 : KVT-765DVD X1 : KVT-745DVD E1 : KVT-725DVD E2 : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

SUB CIRCUIT UNIT (X16-2630-xx)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|------------------------------------|-------------|-------------|----------------|----------------------|------------------|
| R222 | | | RK73GB2A273J | CHIP R 27K J 1/10W | |
| R223 | | | RK73EB2E101J | CHIP R 100 J 1/4W | |
| R224 | | | RK73EB2E181J | CHIP R 180 J 1/4W | |
| W100 | | | R92-2053-05 | CHIP R 0 J 1/8W | |
| S200 | | | S70-0860-05 | TACT SWITCH | |
| S201 | | | S70-0884-05 | TACT SWITCH | |
| S202,203 | | | S70-0860-05 | TACT SWITCH | |
| S204 | | | S70-0874-05 | TACT SWITCH | |
| S206 | | | S70-0826-05 | TACT SWITCH | |
| D200 | | | AVRM1608120M6A | VARISTOR | |
| D201-203 | | | DA204U | DIODE | |
| D204 | | | MA8062-M | ZENER DIODE | |
| D205 | | | DAN202U | DIODE | |
| IC200 | | | RS-181 | ANALOGUE IC | |
| Q100 | | | UN5212 | DIGITAL TRANSISTOR | |
| Q200-202 | | | UN5112 | DIGITAL TRANSISTOR | K1M1C1 |
| Q200-202 | | | UN5112 | DIGITAL TRANSISTOR | X1 |
| Q203,204 | | | UN5214 | DIGITAL TRANSISTOR | KR1E1 |
| Q203,204 | | | UN5214 | DIGITAL TRANSISTOR | E2 |
| ELECTRIC UNIT (X34-315x-xx) | | | | | |
| C1 | | | CK73GB1E473K | CHIP C 0.047UF K | |
| C2 | | | CD04AS1C100M | ELECTRO 10UF 16WV | |
| C3 | | | C90-5619-05 | ELECTRO 220UF 16WV | |
| C4 | | | C90-5572-05 | ELECTRO 100UF 10WV | |
| C5 | | * | C90-5699-05 | ELECTRO 0.047UF 5.5V | |
| C6 | | | CK73FB1C105K | CHIP C 1.0UF K | |
| C7 | | | CD04AY1A221M | ELECTRO 220UF 10WV | |
| C8,9 | | | CK73EB1C225K | CHIP C 2.2UF K | |
| C10 | | | CK73FB1A105K | CHIP C 1.0UF K | |
| C11 | | | CD04AY1A221M | ELECTRO 220UF 10WV | |
| C12 | | | CK73EB1C225K | CHIP C 2.2UF K | |
| C13 | | | C90-2982-05 | ELECTRO 100UF 16WV | |
| C14 | | | CD04BA1E4R7M | ELECTRO 4.7UF 25WV | |
| C15 | | | CK73EB1C225K | CHIP C 2.2UF K | |
| C16 | | * | CD04BA1C220M | ELECTRO 22UF 16WV | |
| C17 | | | CK73GB1E223K | CHIP C 0.022UF K | |
| C18 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C19,20 | | | CD04BA1E4R7M | ELECTRO 4.7UF 25WV | |
| C21,22 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C23 | | * | C90-5612-05 | ELECTRO 3900UF 16WV | |
| C24 | | | CK73FB1C105K | CHIP C 1.0UF K | |
| C25 | | | CK73GB1C104K | CHIP C 0.10UF K | |
| C26 | | | CK73FB1C105K | CHIP C 1.0UF K | |
| C27 | | | CD04AS1H3R3M | ELECTRO 3.3UF 50WV | |
| C28,29 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C100 | | | CK73GB1H104K | CHIP C 0.10UF K | |
| C101 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C102 | | | CK73GB1H104K | CHIP C 0.10UF K | |
| C104 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C105 | | | CD04AT0J331M | ELECTRO 330UF 6.3WV | |
| C106,107 | | | CC73GCH1H100D | CHIP C 10PF D | |
| C108-110 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C111 | | | CK73GB1A105K | CHIP C 1.0UF K | |
| C200,201 | | | CC73GCH1H100D | CHIP C 10PF D | KK1R1 |
| C200,201 | | | CC73GCH1H100D | CHIP C 10PF D | M1E1E2 |

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|----------|-------------|-------------|---------------|---------------------|------------------|
| C202-205 | | | C92-1427-05 | ELECTRO 100UF 16WV | |
| C211 | | | CC73GCH1H331J | CHIP C 330PF J | KK1R1 |
| C211 | | | CC73GCH1H331J | CHIP C 330PF J | M1E1E2 |
| C212 | | | CD04AS1C100M | ELECTRO 10UF 16WV | KK1R1 |
| C212 | | | CD04AS1C100M | ELECTRO 10UF 16WV | M1E1E2 |
| C213-216 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C217 | | | CD04AS1C100M | ELECTRO 10UF 16WV | KK1R1 |
| C217 | | | CD04AS1C100M | ELECTRO 10UF 16WV | M1E1E2 |
| C218 | | | CK73GB1H103K | CHIP C 0.010UF K | KK1R1 |
| C218 | | | CK73GB1H103K | CHIP C 0.010UF K | M1E1E2 |
| C250,251 | | | C94-0026-05 | ELECTRO 1UF 50WV | |
| C252 | | | CK73GB1A105K | CHIP C 1.0UF K | |
| C253 | | | CK73GB1A474K | CHIP C 0.47UF K | |
| C254-257 | | | C90-5620-05 | ELECTRO 0.47UF 50WV | |
| C258 | | * | CD04BA1C220M | ELECTRO 22UF 16WV | |
| C300 | | | CK73FB1C334K | CHIP C 0.33UF K | |
| C301 | | | CK73GB1A334K | CHIP C 0.33UF K | |
| C302 | | | CK73FB1C334K | CHIP C 0.33UF K | |
| C303 | | | CK73GB1A334K | CHIP C 0.33UF K | |
| C304 | | | CK73FB1C334K | CHIP C 0.33UF K | |
| C305 | | | CK73GB1A334K | CHIP C 0.33UF K | |
| C306 | | | CK73FB1C334K | CHIP C 0.33UF K | |
| C307 | | | CK73GB1A334K | CHIP C 0.33UF K | |
| C308,309 | | | CK73GB1C104K | CHIP C 0.10UF K | |
| C310 | | | CD04AS1C470M | ELECTRO 47UF 16WV | |
| C311 | | | CK73GB1C104K | CHIP C 0.10UF K | |
| C312 | | | CD04AS1H010M | ELECTRO 1UF 50WV | |
| C313-315 | | | CK73GB1C104K | CHIP C 0.10UF K | |
| C316 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C317 | | | CC73GCH1H221J | CHIP C 220PF J | |
| C318 | | | CK73GB1A474K | CHIP C 0.47UF K | |
| C319 | | | CK73FB1C105K | CHIP C 1.0UF K | |
| C320 | | | C92-0025-05 | CHIP-ELE 3.3UF 50WV | |
| C321 | | | CD04AS1C470M | ELECTRO 47UF 16WV | |
| C322 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C323 | | | C92-0025-05 | CHIP-ELE 3.3UF 50WV | |
| C324-331 | | | CK73FB1C105K | CHIP C 1.0UF K | |
| C332,333 | | | CK73FB1A225K | CHIP C 2.2UF K | |
| C334 | | | C92-1409-05 | CHIP-ELE 2.2UF 50WV | |
| C335,336 | | | CK73FB1C105K | CHIP C 1.0UF K | |
| C339,340 | | | CK73FB1C105K | CHIP C 1.0UF K | |
| C350,351 | | * | CD04AS1H4R7M | ELECTRO 4.7UF 50WV | |
| C352 | | | CD04AS0J101M | ELECTRO 100UF 6.3WV | |
| C353 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C354 | | | CD04AS1C220M | ELECTRO 22UF 16WV | |
| C355 | | | CD04AS1C100M | ELECTRO 10UF 16WV | |
| C400 | | | CD04AS0J470M | ELECTRO 47UF 6.3WV | |
| C401,402 | | | CD04AS1H2R2M | ELECTRO 2.2UF 50WV | |
| C450,451 | | | C92-0687-05 | ELECTRO 2.2UF 50WV | |
| C452 | | | C92-0674-05 | ELECTRO 47UF 16WV | |
| C453 | | | CD04AS1C100M | ELECTRO 10UF 16WV | |
| C454 | | | C92-1429-05 | ELECTRO 220UF 6.3WV | |
| C455 | | | CK73GB1C104K | CHIP C 0.10UF K | |
| C456 | | | C92-1429-05 | ELECTRO 220UF 6.3WV | |
| C457 | | | CK73GB1C104K | CHIP C 0.10UF K | |

K : KVT-715DVD

C1 : KVT-765DVD

K1 : KVT-815DVD

X1 : KVT-745DVD

R1 : KVT-745DVD

E1 : KVT-725DVD

M1 : KVT-735DVD

E2 : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

ELECTRIC UNIT (X34-315x-xx)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation | Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|----------|-------------|-------------|--------------|---------------------|------------------|-----------|-------------|-------------|---------------|-------------------------------|------------------|
| C458 | | | CK73GB1H103K | CHIP C 0.010UF K | | C640 | | | CD04AS1C100M | ELECTRO 10UF 16WV | |
| C459 | | | C92-1429-05 | ELECTRO 220UF 6.3WV | | C641 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C460 | | | CK73GB1C104K | CHIP C 0.10UF K | | C642 | | | C94-0040-05 | ELECTRO 22UF 16WV | |
| C461 | | | C92-1428-05 | ELECTRO 330UF 6.3WV | | C643,644 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C462 | | | CK73GB1C104K | CHIP C 0.10UF K | | C900 | | | CK73EB1C225K | CHIP C 2.2UF K | |
| C463 | | | CK73GB1H103K | CHIP C 0.010UF K | | C902 | | | CK73GB1E223K | CHIP C 0.022UF K | M1E1E2 |
| C464,465 | | | CK73GB1C104K | CHIP C 0.10UF K | | C904 | | | CC73GCH1H060D | CHIP C 6.0PF D | M1E1E2 |
| C500 | | * | CD04AS1H4R7M | ELECTRO 4.7UF 50WV | | C905 | | | CK73GB1H222K | CHIP C 2200PF K | M1E1E2 |
| C501 | | | CD04AS0J470M | ELECTRO 47UF 6.3WV | | C906 | | | CK73GB1H102K | CHIP C 1000PF K | M1E1E2 |
| C502 | | * | CD04AS1H4R7M | ELECTRO 4.7UF 50WV | | C907 | | | CC73GCH1H820J | CHIP C 82PF J | M1E1E2 |
| C503 | | | CK73GB1H103K | CHIP C 0.010UF K | | C908 | | | CK73GB1H152K | CHIP C 1500PF K | M1E1E2 |
| C504 | | | CD04AS1C220M | ELECTRO 22UF 16WV | | C909 | | | CK73GB1H682K | CHIP C 6800PF K | M1E1E2 |
| C505 | | | CD04AS1C100M | ELECTRO 10UF 16WV | | C910 | | | CC73GCH1H471J | CHIP C 470PF J | M1E1E2 |
| C506-508 | | | CK73GB1C104K | CHIP C 0.10UF K | E1E2 | C911 | | | CC73GCH1H121J | CHIP C 120PF J | M1E1E2 |
| C509 | | | CD04AS0J470M | ELECTRO 47UF 6.3WV | E1E2 | C912 | | | CC73GCH1H102J | CHIP C 1000PF J | M1E1E2 |
| C510 | | | CK73GB1H103K | CHIP C 0.010UF K | E1E2 | C913 | | | CK73GB1H221K | CHIP C 220PF K | M1E1E2 |
| C511-513 | | | CK73GB1C104K | CHIP C 0.10UF K | E1E2 | C914 | | | CC73GCH1H180J | CHIP C 18PF J | M1E1E2 |
| C550 | | | CK73GB1H103K | CHIP C 0.010UF K | | C915 | | | CC73GCH1H102J | CHIP C 1000PF J | M1E1E2 |
| C551 | | | CK73GB1A105K | CHIP C 1.0UF K | | C916 | | | CK73GB1H221K | CHIP C 220PF K | M1E1E2 |
| C552 | | | CK73GB1H103K | CHIP C 0.010UF K | | C954 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C553 | | | CD04AS0J470M | ELECTRO 47UF 6.3WV | | C960 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C554 | | | CK73GB0J225K | CHIP C 2.2UF K | | CN4,5 | | | E40-9423-05 | SOCKET FOR PIN ASSY | |
| C555 | | | CD04AS1C100M | ELECTRO 10UF 16WV | | CN100 | | | E40-9706-05 | PIN ASSY | |
| C556 | | | CK73GB0J225K | CHIP C 2.2UF K | | CN200,201 | | | E40-9421-05 | PIN ASSY | |
| C558,559 | | | CK73GB1A105K | CHIP C 1.0UF K | | CN600 | | * | E41-0935-05 | PIN ASSY | |
| C560 | | | CK73GB1H104K | CHIP C 0.10UF K | | CN601 | | * | E41-0934-05 | PIN ASSY | |
| C561 | | | CK73GB0J225K | CHIP C 2.2UF K | | CN603 | | * | E41-0934-05 | PIN ASSY | |
| C562 | | | CK73GB1H103K | CHIP C 0.010UF K | | CN900 | | | E40-9449-05 | PIN ASSY | |
| C566 | | | CK73GB1H103K | CHIP C 0.010UF K | | J1 | | | E58-0863-15 | RECTANGULAR RECEPTACLE | |
| C569 | | | CK73GB1H103K | CHIP C 0.010UF K | | J350 | | | E56-0825-05 | CYLINDRICAL RECEPTACLE | |
| C570 | | | CK73GB1H561K | CHIP C 560PF K | | J400 | | | E56-0843-05 | CYLINDRICAL RECEPTACLE | |
| C571 | | | CK73GB0J105K | CHIP C 1.0UF K | | J500 | | | E58-0900-05 | RECTANGULAR RECEPTACLE | |
| C572 | | | CK73GB1H561K | CHIP C 560PF K | | J501 | | | E58-0963-05 | RECTANGULAR RECEPTACLE | |
| C574 | | | CK73GB1H103K | CHIP C 0.010UF K | | P1 | | | E23-0745-05 | TERMINAL | |
| C600-605 | | | CD04AS1C220M | ELECTRO 22UF 16WV | | W200 | | * | E30-6302-05 | CORD WITH PLUG | |
| C606 | | * | C90-5569-05 | ELECTRO 470UF 6.3WV | | WH1 | | * | E39-0645-05 | WIRING HARNESS | |
| C607 | | | CD04AS1C100M | ELECTRO 10UF 16WV | | L1 | | * | L41-2205-33 | SMALL FIXED INDUCTOR | |
| C609,610 | | | CK73GB1H222K | CHIP C 2200PF K | | L2 | | | L33-1102-05 | CHOKE COIL | |
| C611 | | | CD04AS1C100M | ELECTRO 10UF 16WV | | L100 | | | L41-1005-33 | SMALL FIXED INDUCTOR | |
| C612 | | * | CD04AS1H4R7M | ELECTRO 4.7UF 50WV | | L101 | | | L92-0330-05 | CHIP FERRITE | |
| C613 | | | CK73GB1H103K | CHIP C 0.010UF K | | L200-203 | | | L41-4795-33 | SMALL FIXED INDUCTOR | |
| C614 | | * | CD04AS1H4R7M | ELECTRO 4.7UF 50WV | | L204 | | | L33-1123-05 | LINE FILTER COIL | |
| C615 | | | CD04AS1C220M | ELECTRO 22UF 16WV | | L205 | | | L41-4795-33 | SMALL FIXED INDUCTOR | KK1R1 |
| C616 | | | CD04AS1A470M | ELECTRO 47UF 10WV | | L205 | | | L41-4795-33 | SMALL FIXED INDUCTOR | M1E1E2 |
| C622,623 | | | CD04AS1C100M | ELECTRO 10UF 16WV | | L300 | | | L41-4795-33 | SMALL FIXED INDUCTOR | |
| C624 | | | C94-0040-05 | ELECTRO 22UF 16WV | | L500 | | * | L41-1005-33 | SMALL FIXED INDUCTOR | E1E2 |
| C625 | | | CK73GB1H103K | CHIP C 0.010UF K | | L551 | | * | L41-1005-33 | SMALL FIXED INDUCTOR | |
| C626 | | | CD04AS1C100M | ELECTRO 10UF 16WV | | X100 | | * | L77-2871-05 | CRYSTAL RESONATOR (18.874MHZ) | |
| C627-629 | | | CK73GB1H103K | CHIP C 0.010UF K | | X200 | | | L77-2002-05 | CRYSTAL RESONATOR | KK1R1 |
| C630 | | | CD04AS1C100M | ELECTRO 10UF 16WV | | X200 | | | L77-2002-05 | CRYSTAL RESONATOR | M1E1E2 |
| C631-635 | | | CK73GB1H103K | CHIP C 0.010UF K | | | | | N35-3006-48 | BINDING HEAD MACHINE SCREW | |
| C636 | | | CD04AS1C100M | ELECTRO 10UF 16WV | | R1 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| C637 | | | CK73GB1H103K | CHIP C 0.010UF K | | R2 | | | RK73GB2A223J | CHIP R 22K J 1/10W | |
| C638 | | | CD04AS1C100M | ELECTRO 10UF 16WV | | | | | | | |
| C639 | | | CK73GB1H103K | CHIP C 0.010UF K | | | | | | | |

K : KVT-715DVD K1 : KVT-815DVD R1 : KVT-745DVD M1 : KVT-735DVD
C1 : KVT-765DVD X1 : KVT-745DVD E1 : KVT-725DVD E2 : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

ELECTRIC UNIT (X34-315x-xx)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|----------|-------------|-------------|--------------|---------------------|------------------|
| R3 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | |
| R4 | | | RK73GB2A223J | CHIP R 22K J 1/10W | |
| R5 | | | RK73FB2B221J | CHIP R 220 J 1/8W | |
| R6 | | | RK73GB2A153J | CHIP R 15K J 1/10W | |
| R7 | | | RN73GH1J243D | CHIP R 24K D 1/16W | |
| R8 | | * | RN73GH1J432D | CHIP R 4.3K D 1/16W | |
| R15 | | | RK73FB2B221J | CHIP R 220 J 1/8W | |
| R16 | | | RK73GB2A153J | CHIP R 15K J 1/10W | |
| R17 | | | RN73GH1J153D | CHIP R 15K D 1/16W | |
| R18 | | | RN73GH1J512D | CHIP R 5.1K D 1/16W | |
| R19 | | | RK73FB2B102J | CHIP R 1.0K J 1/8W | |
| R20 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R21 | | | RK73GB2A272J | CHIP R 2.7K J 1/10W | |
| R22 | | | RK73GB2A470J | CHIP R 47 J 1/10W | |
| R23 | | | RK73GB2A752J | CHIP R 7.5K J 1/10W | |
| R24 | | | RK73GB2A274J | CHIP R 270K J 1/10W | |
| R25 | | | RK73GB2A563J | CHIP R 56K J 1/10W | |
| R26 | | | RK73GB2A470J | CHIP R 47 J 1/10W | |
| R27 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R28,29 | | | RK73GB2A913J | CHIP R 91K J 1/10W | |
| R30 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | |
| R31 | | | RK73EB2E103J | CHIP R 10K J 1/4W | |
| R32 | | | RK73EB2E472J | CHIP R 4.7K J 1/4W | |
| R33 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R34,35 | | | R92-0365-05 | CHIP R 1.0K J 1/2W | |
| R36 | | | RK73GB2A223J | CHIP R 22K J 1/10W | |
| R37,38 | | | RK73FB2B472J | CHIP R 4.7K J 1/8W | |
| R39 | | | R92-0366-05 | CHIP R 560 J 1W | KK1R1 |
| R39 | | | R92-0366-05 | CHIP R 560 J 1W | M1C1X1 |
| R40 | | | RK73GB2A223J | CHIP R 22K J 1/10W | KK1R1 |
| R40 | | | RK73GB2A223J | CHIP R 22K J 1/10W | M1C1X1 |
| R41 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R42 | | | RK73GB2A223J | CHIP R 22K J 1/10W | |
| R43 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R44 | | | RK73GB2A223J | CHIP R 22K J 1/10W | |
| R45 | | | RK73FB2B561J | CHIP R 560 J 1/8W | |
| R46 | | | RK73GB2A473J | CHIP R 47K J 1/10W | |
| R47 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R50 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R100 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R101,102 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R103-106 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R107-109 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R110 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R112-114 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R115,116 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R117 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R118 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | |
| R119 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R120 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | |
| R123 | | | RK73GB2A473J | CHIP R 47K J 1/10W | |
| R125 | | | RK73GB2A223J | CHIP R 22K J 1/10W | |
| R126 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R127 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R128 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|----------|-------------|-------------|--------------|---------------------|------------------|
| R129 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R130 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R131 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R132 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R133 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | M1E1E2 |
| R134,135 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R136 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R137-143 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R144 | | | RK73GB2A223J | CHIP R 22K J 1/10W | |
| R145,146 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R147 | | | RK73GB2A101J | CHIP R 100 J 1/10W | |
| R149 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R150 | | | RK73GB2A104J | CHIP R 100K J 1/10W | |
| R155 | | | RK73GB2A103J | CHIP R 10K J 1/10W | K1R1C1 |
| R155 | | | RK73GB2A103J | CHIP R 10K J 1/10W | X1 |
| R156,157 | | | RK73GB2A103J | CHIP R 10K J 1/10W | KM1E1 |
| R156,157 | | | RK73GB2A103J | CHIP R 10K J 1/10W | E2 |
| R157 | | | RK73GB2A103J | CHIP R 10K J 1/10W | K1R1C1 |
| R157 | | | RK73GB2A103J | CHIP R 10K J 1/10W | X1 |
| R159 | | | RK73GB2A103J | CHIP R 10K J 1/10W | K1R1M1 |
| R159 | | | RK73GB2A103J | CHIP R 10K J 1/10W | E1E2 |
| R160,161 | | | RK73GB2A103J | CHIP R 10K J 1/10W | KC1X1 |
| R161 | | | RK73GB2A103J | CHIP R 10K J 1/10W | K1R1M1 |
| R161 | | | RK73GB2A103J | CHIP R 10K J 1/10W | E1E2 |
| R163 | | | RK73GB2A103J | CHIP R 10K J 1/10W | KR1M1 |
| R163 | | | RK73GB2A103J | CHIP R 10K J 1/10W | X1 |
| R164 | | | RK73GB2A103J | CHIP R 10K J 1/10W | K1C1E1 |
| R164 | | | RK73GB2A103J | CHIP R 10K J 1/10W | E2 |
| R200 | | | RK73GB2A223J | CHIP R 22K J 1/10W | KK1R1 |
| R201 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | KK1R1 |
| R201 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | M1E1E2 |
| R202,203 | | | RK73GB2A102J | CHIP R 1.0K J 1/10W | |
| R204,205 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | KK1R1 |
| R204,205 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | M1E1E2 |
| R254 | | | RK73GB2A473J | CHIP R 47K J 1/10W | |
| R255 | | | RK73GB2A331J | CHIP R 330 J 1/10W | |
| R256 | | | RK73GB2A154J | CHIP R 150K J 1/10W | |
| R257 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | |
| R258 | | | RK73GB2A100J | CHIP R 10 J 1/10W | |
| R259 | | | RK73GB2A362J | CHIP R 3.6K J 1/10W | |
| R300,301 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | M1E1E2 |
| R301 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | KK1R1 |
| R301 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | C1X1 |
| R302 | | | RK73GB2A473J | CHIP R 47K J 1/10W | |
| R303 | | | RK73GB2A272J | CHIP R 2.7K J 1/10W | |
| R304 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R305 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | KK1R1 |
| R305 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | C1X1 |
| R305,306 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | M1E1E2 |
| R359,360 | | | RK73EB2E100J | CHIP R 10 J 1/4W | |
| R361 | | | RK73EB2E4R7J | CHIP R 4.7 J 1/4W | |
| R362 | | | RK73EB2E472J | CHIP R 4.7K J 1/4W | |
| R363 | | | RK73EB2E101J | CHIP R 100 J 1/4W | |
| R364-367 | | | RK73EB2E472J | CHIP R 4.7K J 1/4W | |
| R368,369 | | | RK73EB2E101J | CHIP R 100 J 1/4W | |

K : KVT-715DVD
C1 : KVT-765DVD

K1 : KVT-815DVD
X1 : KVT-745DVD

R1 : KVT-745DVD
E1 : KVT-725DVD

M1 : KVT-735DVD
E2 : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

ELECTRIC UNIT (X34-315x-xx)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation | Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|----------|-------------|-------------|--------------|---------------------|------------------|----------|-------------|-------------|--------------|----------------------|------------------|
| R400 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | | R644 | | | RK73FB2B223J | CHIP R 22K J 1/8W | |
| R401-404 | | | RK73GB2A750J | CHIP R 75 J 1/10W | | R645 | | | RK73FB2B103J | CHIP R 10K J 1/8W | |
| R405,406 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | | R646 | | | RK73FB2B223J | CHIP R 22K J 1/8W | |
| R407 | | | RK73EB2E4R7J | CHIP R 4.7 J 1/4W | | R647 | | | RK73FB2B103J | CHIP R 10K J 1/8W | |
| R408,409 | | | RK73EB2E100J | CHIP R 10 J 1/4W | | R648 | | | RK73FB2B820J | CHIP R 82 J 1/8W | |
| R452,453 | | | RK73EB2E150J | CHIP R 15 J 1/4W | | R651 | | | RK73FB2B820J | CHIP R 82 J 1/8W | |
| R454 | | | RK73EB2E4R7J | CHIP R 4.7 J 1/4W | | R652 | | | RK73FB2B223J | CHIP R 22K J 1/8W | |
| R455 | | | RK73GB2A750J | CHIP R 75 J 1/10W | | R653 | | | RK73FB2B103J | CHIP R 10K J 1/8W | |
| R456,457 | | | RK73EB2E750J | CHIP R 75 J 1/4W | | R900 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | |
| R458 | | | RK73EB2E101J | CHIP R 100 J 1/4W | | R901 | | | RK73GB2A332J | CHIP R 3.3K J 1/10W | |
| R459 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | | R902 | | | RK73GB2A272J | CHIP R 2.7K J 1/10W | |
| R460 | | | RK73EB2E750J | CHIP R 75 J 1/4W | | R903 | | | RK73GB2A123J | CHIP R 12K J 1/10W | |
| R461,462 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | | R904 | | | RK73GB2A823J | CHIP R 82K J 1/10W | M1E1E2 |
| R463 | | | RK73EB2E101J | CHIP R 100 J 1/4W | | R905,906 | | | RK73GB2A103J | CHIP R 10K J 1/10W | M1E1E2 |
| R464,465 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | | R907 | | | RK73GB2A104J | CHIP R 100K J 1/10W | M1E1E2 |
| R466 | | | RK73EB2E750J | CHIP R 75 J 1/4W | | R908 | | | RK73GB2A103J | CHIP R 10K J 1/10W | M1E1E2 |
| R467,468 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | | R909 | | | RK73GB2A153J | CHIP R 15K J 1/10W | M1E1E2 |
| R470 | | | RK73GB2A103J | CHIP R 10K J 1/10W | | R910 | | | RK73GB2A103J | CHIP R 10K J 1/10W | M1E1E2 |
| R500 | | | RK73EB2E100J | CHIP R 10 J 1/4W | | R911 | | | RK73GB2A562J | CHIP R 5.6K J 1/10W | M1E1E2 |
| R501 | | | RK73EB2E4R7J | CHIP R 4.7 J 1/4W | | R912,913 | | | RK73GB2A103J | CHIP R 10K J 1/10W | M1E1E2 |
| R502 | | | RK73EB2E100J | CHIP R 10 J 1/4W | | R914 | | | RK73GB2A333J | CHIP R 33K J 1/10W | M1E1E2 |
| R503,504 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | | R915 | | | RK73GB2A103J | CHIP R 10K J 1/10W | M1E1E2 |
| R505-507 | | | RK73EB2E101J | CHIP R 100 J 1/4W | | R916 | | | RK73GB2A272J | CHIP R 2.7K J 1/10W | M1E1E2 |
| R508,509 | | | RK73EB2E102J | CHIP R 1.0K J 1/4W | | R917 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | M1E1E2 |
| R510-513 | | | RK73GB2A750J | CHIP R 75 J 1/10W | | R918,919 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | |
| R550-553 | | | RK73GB2A103J | CHIP R 10K J 1/10W | | R920 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R562 | | | RK73GB2A561J | CHIP R 560 J 1/10W | | W1 | | | R92-2053-05 | CHIP R 0 J 1/8W | |
| R563 | | | RK73GB2A334J | CHIP R 330K J 1/10W | | W33 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | E1E2 |
| R564 | | | RK73GB2A103J | CHIP R 10K J 1/10W | | W102 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | |
| R600 | | | RK73GB2A361J | CHIP R 360 J 1/10W | | W251 | | | R92-2053-05 | CHIP R 0 J 1/8W | |
| R601,602 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | | W252 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | |
| R603,604 | | | RK73GB2A361J | CHIP R 360 J 1/10W | | W454 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | |
| R605,606 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | | W500-505 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | KK1R1 |
| R607,608 | | | RK73GB2A361J | CHIP R 360 J 1/10W | | W500-505 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | M1C1X1 |
| R609,610 | | | RK73GB2A222J | CHIP R 2.2K J 1/10W | | W900 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | M1E1E2 |
| R611 | | | RK73GB2A361J | CHIP R 360 J 1/10W | | D1 | | | MA8056-M | ZENER DIODE | |
| R612 | | | RK73EB2E430J | CHIP R 43 J 1/4W | | D4 | | | MA8056-M | ZENER DIODE | |
| R616 | | | RK73GB2A361J | CHIP R 360 J 1/10W | | D5 | | | RM10ZLF | DIODE | |
| R617 | | | RK73GB2A101J | CHIP R 100 J 1/10W | | D6 | | | 1SR154-400 | DIODE | E1E2 |
| R618,619 | | | RK73GB2A223J | CHIP R 22K J 1/10W | | D6,7 | | | 1SR154-400 | DIODE | KK1R1 |
| R620 | | | RK73GB2A101J | CHIP R 100 J 1/10W | | D6,7 | | | 1SR154-400 | DIODE | |
| R621 | | | RK73GB2A361J | CHIP R 360 J 1/10W | | D8 | | | DAP202U | DIODE | M1C1X1 |
| R622 | | | RK73GB2A750J | CHIP R 75 J 1/10W | | D9,10 | | | 1SR154-400 | DIODE | |
| R623,624 | | | RK73EB2E100J | CHIP R 10 J 1/4W | | D11 | | | MA8068-M | ZENER DIODE | |
| R625 | | | RK73EB2E4R7J | CHIP R 4.7 J 1/4W | | D12 | | | MA8056-M | ZENER DIODE | |
| R630 | | | RK73FB2B223J | CHIP R 22K J 1/8W | | D13 | | | MA8047-M | ZENER DIODE | |
| R631 | | | RK73FB2B103J | CHIP R 10K J 1/8W | | D200 | | | IMSA-6801 | SURGE ABSORBER | |
| R632 | | | RK73FB2B820J | CHIP R 82 J 1/8W | | D250 | | | DAP202U | DIODE | |
| R635 | | | RK73FB2B820J | CHIP R 82 J 1/8W | | D350 | | | RD6.8MW | ZENER DIODE | |
| R636 | | | RK73FB2B223J | CHIP R 22K J 1/8W | | D351 | | | MA8062-M | ZENER DIODE | |
| R637 | | | RK73FB2B103J | CHIP R 10K J 1/8W | | D352-355 | | | MA3062WA | ZENER DIODE | |
| R638 | | | RK73FB2B223J | CHIP R 22K J 1/8W | | D400 | | | MA8062-M | ZENER DIODE | |
| R639 | | | RK73FB2B103J | CHIP R 10K J 1/8W | | D401 | | | MA3062WA | ZENER DIODE | |
| R640 | | | RK73FB2B820J | CHIP R 82 J 1/8W | | D402 | | | MA8062-M | ZENER DIODE | |
| R643 | | | RK73FB2B820J | CHIP R 82 J 1/8W | | D403 | | | RD6.8MW | ZENER DIODE | |

K : KVT-715DVD **K1** : KVT-815DVD **R1** : KVT-745DVD **M1** : KVT-735DVD
C1 : KVT-765DVD **X1** : KVT-745DVD **E1** : KVT-725DVD **E2** : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

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ELECTRIC UNIT (X34-315x-xx)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|--|-------------|-------------|--|---|---|
| D404,405 D451 D452 D453-456 D457-461 | | | DA204U MA8062-M RD6.8MW DA204U MA3062WA | DIODE ZENER DIODE ZENER DIODE DIODE ZENER DIODE | |
| D462 D500,501 D502 D503-505 D506-511 | | | DAN202U MA8062-M RD6.8MW MA3062WA DA204U | DIODE ZENER DIODE ZENER DIODE ZENER DIODE DIODE | E1E2 |
| D507 D507 D509 D509 D511 | | | DA204U DA204U DA204U DA204U DA204U | DIODE DIODE DIODE DIODE DIODE | KK1R1 M1C1X1 KK1R1 M1C1X1 KK1R1 |
| D511 D550-556 D602 D605 D606 | | | DA204U DA204U DAP202U DAP202U RD6.8MW | DIODE DIODE DIODE DIODE ZENER DIODE | M1C1X1 |
| D607 D901 D902 IC1 IC3 | | | MA8062-M DAN202U MA8110-M M5237ML M5237ML | ZENER DIODE DIODE ZENER DIODE ANALOGUE IC ANALOGUE IC | M1E1E2 |
| IC4 IC100 IC101 IC103 IC200 | | * | ICL7660SIBA HD74HC02FP-E S-80842CNNB 70F3089YGJ-7R7 TDA7479D | ANALOGUE IC MOS-IC MOS-IC MICROCONTROLLER IC ANALOGUE IC | KK1R1 |
| IC200 IC250 IC300 IC301 IC350 | | | TDA7479D TB2903H TDA7401 E-TDA7414 BA3121F | ANALOGUE IC ANALOGUE IC ANALOGUE IC ANALOGUE IC ANALOGUE IC | M1E1E2 |
| IC400 IC450,451 IC452 IC500 IC501 | | | TC7SH08FU NJM2267V TC7SH14FU BA3121F MM1234XFBF | MOS-IC ANALOGUE IC MOS-IC ANALOGUE IC ANALOGUE IC | E1E2 |
| IC550 IC551 IC552 IC553 IC554 | | * | TC4052BFT MM1503 MM1108XFFE BA7652AF TC4052BFT | MOS-IC ANALOGUE IC ANALOGUE IC ANALOGUE IC MOS-IC | |
| IC555 IC600 IC602-604 IC900 Q1 | | | BA7612F BA3121F NJM4565M-TE2 NJM4565M-TE2 2SC4081 | ANALOGUE IC ANALOGUE IC ANALOGUE IC ANALOGUE IC TRANSISTOR | M1E1E2 |
| Q2 Q3 Q4,5 Q6 Q8 | | | 2SB1443 2SA1576A UMC2N 2SB1565 UMC2N | TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | |

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|--|-------------|-------------|---|--|-----------------------------------|
| Q9 Q10 Q11 Q12 Q13 | | | DTC114EUA 2SB1565 2SB1443 2SC4081 2SA1576A | DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | |
| Q14 Q15 Q16 Q17 Q18 | | | 2SC4081 2SA1576A 2SC4081 2SA1576A 2SC4081 | TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | |
| Q19 Q20,21 Q20,21 Q21 Q22 | | | DTC124EUA DTC114YUA DTC114YUA DTC114YUA DTA114EUA | DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR | KK1R1 M1C1X1 E1E2 |
| Q23,24 Q23,24 Q24 Q25 Q26 | | | 2SB1188(Q,R) 2SB1188(Q,R) 2SB1188(Q,R) 2SA1576A 2SC4081 | TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR | KK1R1 M1C1X1 E1E2 |
| Q27 Q100 Q200 Q201 Q300 | | | DTA123JK DTA124EUA DTC124EUA 2SB1188(Q,R) 2SD1819A | DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR | M1E1E2 |
| Q301 Q551-554 Q600-602 Q603 Q604-606 | | | DTC124EUA DTC124EUA DTC323TU 2SA1576A DTC323TU | DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR | |
| Q608 Q609 Q610 Q900 Q901 | | | DTC323TU DTA124EUA DTC323TU 2SB1189 2SC4081 | DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR TRANSISTOR | |
| Q902 Q903 Q903 Q903,904 Q905 | | | 2SA1576A 2SC4081 2SC4081 2SC4081 DTC114EUA | TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR | KK1R1 C1X1 M1E1E2 M1E1E2 |
| Q906 TH250 | | * | DTA124EUA PRF18BE471QB2 | DIGITAL TRANSISTOR POSITIVE RESISTOR | M1E1E2 |
| A1 A1 A1 | | | W02-3416-05 W02-3416-05 W02-3417-05 | FM/AM FRONT-END FM/AM FRONT-END FM/AM FRONT-END | KK1R1 C1X1 M1E1E2 |
| VIDEO UNIT (X35-4280-01) | | | | | |
| C1,2 C3 C5 C6 C7 | | | CK73DF1E106Z C93-1281-05 C93-1273-05 C93-1278-05 CK73GB1E473K | CHIP C 10UF Z CHIP C 0.47UF K CHIP C 15PF J CHIP C 0.018UF K CHIP C 0.047UF K | |
| C8 C9 C10 | | | C93-1269-05 CK73GB0J225K CK73GB1H103K | CHIP C 220PF J CHIP C 2.2UF K CHIP C 0.010UF K | |

K : KVT-715DVD

C1 : KVT-765DVD

K1 : KVT-815DVD

X1 : KVT-745DVD

R1 : KVT-745DVD

E1 : KVT-725DVD

M1 : KVT-735DVD

E2 : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

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VIDEO UNIT (X35-4280-01)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation | Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|----------|-------------|-------------|---------------|---------------------|------------------|-----------|-------------|-------------|---------------|------------------------------|------------------|
| C11 | | | CK73GB0J225K | CHIP C 2.2UF K | | C327,328 | | | CK73GB1H104K | CHIP C 0.10UF K | |
| C13 | | | CK73GB1A474K | CHIP C 0.47UF K | | C329 | | | CC73HCH1H390J | CHIP C 39PF J | |
| C14 | | | CK73HB1C103K | CHIP C 0.010UF K | | C330 | | | CE32BB0J221M | CHIP EL 220UF 6.3WV | |
| C15 | | | CK73GB1E473K | CHIP C 0.047UF K | | C331,332 | | | CC73HCH1H390J | CHIP C 39PF J | |
| C16 | | | CK73HB1C183K | CHIP C 0.018UF K | | C333 | | | CK73GB1H104K | CHIP C 0.10UF K | |
| C17 | | | CK73HB1C103K | CHIP C 0.010UF K | | C334 | | | CK73GB1H103K | CHIP C 0.010UF K | |
| C18 | | | C93-1281-05 | CHIP C 0.47UF K | | C335,336 | | | CK73GB1H104K | CHIP C 0.10UF K | |
| C21 | | | CK73GB0J225K | CHIP C 2.2UF K | | C338 | | | CK73DF1C106Z | CHIP C 10UF Z | |
| C22 | | | CK73HB1H152K | CHIP C 1500PF K | | C339 | | | CK73HB1C103K | CHIP C 0.010UF K | |
| C23 | | | CK73DF1E106Z | CHIP C 10UF Z | | C401 | | | CK73HB1H102K | CHIP C 1000PF K | |
| C24 | | | CK73GB1H103K | CHIP C 0.010UF K | | C421,422 | | | CK73FB1C105K | CHIP C 1.0UF K | |
| C25 | | | C93-1270-05 | CHIP C 3300PF K | | C423 | | | CK73EB0J106K | CHIP C 10UF K | |
| C26 | | | CK73GB1H103K | CHIP C 0.010UF K | | C424 | | | CK73HB1C103K | CHIP C 0.010UF K | |
| C101 | | | CK73GB1H104K | CHIP C 0.10UF K | | C425 | | | CK73FB1C105K | CHIP C 1.0UF K | |
| C102 | | | CK73DF1C106Z | CHIP C 10UF Z | | C426 | | | CK73EB1E105K | CHIP C 1.0UF K | |
| C103 | | | CK73GB1H103K | CHIP C 0.010UF K | | C427 | | | CK73FB1A225K | CHIP C 2.2UF K | |
| C104 | | | C93-1210-05 | CHIP C 10UF K | | C428 | | | CK73EB0J106K | CHIP C 10UF K | |
| C105 | | | CE32AU1C390M | CHIP EL 39UF 16WV | | C501-503 | | | CK73HB1C103K | CHIP C 0.010UF K | |
| C106 | | | CK73GB1H103K | CHIP C 0.010UF K | | C504 | | | CK73EB0J106K | CHIP C 10UF K | |
| C107 | | | C93-1210-05 | CHIP C 10UF K | | C505 | | | CK73HB1H271K | CHIP C 270PF K | |
| C108 | | | CE32AU1C390M | CHIP EL 39UF 16WV | | CN1 | | | E40-9797-05 | PIN ASSY | |
| C109 | | | CK73FB1C105K | CHIP C 1.0UF K | | CN301 | | | E41-0341-05 | FLAT CABLE CONNECTOR | |
| C110 | | | CK73GB1H103K | CHIP C 0.010UF K | | CN302 | | | E41-0133-05 | FLAT CABLE CONNECTOR | |
| C111 | | | C93-1210-05 | CHIP C 10UF K | | CN303 | | | E41-0404-05 | FLAT CABLE CONNECTOR | |
| C112 | | | CK73FB1E154K | CHIP C 0.15UF K | | CN304 | | | E40-9623-05 | FLAT CABLE CONNECTOR | |
| C113 | | | CK73EB1C225K | CHIP C 2.2UF K | | CN305 | | | E40-9708-05 | PIN ASSY | |
| C114 | | | CK73FB1C224K | CHIP C 0.22UF K | | CN501 | | | E41-2087-05 | FLAT CABLE CONNECTOR | |
| C115 | | | CK73GB1H104K | CHIP C 0.10UF K | | CN502 | | | E41-0133-05 | FLAT CABLE CONNECTOR | |
| C116 | | | CE32BB0J221M | CHIP EL 220UF 6.3WV | | CN503 | | | E41-0455-05 | FLAT CABLE CONNECTOR | |
| C118 | | | CK73GB1H103K | CHIP C 0.010UF K | | CN601 | | | E41-0340-05 | FLAT CABLE CONNECTOR | |
| C211 | | | CK73EB1A475K | CHIP C 4.7UF K | | F1 | | | F53-0251-05 | FUSE | |
| C230 | | | CK73GB1H103K | CHIP C 0.010UF K | | CF308 | | | L72-0786-05 | CERAMIC FILTER | |
| C231,232 | | | CK73DF1E106Z | CHIP C 10UF Z | | L1 | | | L19-0727-05 | TRANSFORMER FOR CONVERTER | |
| C233 | | | CK73GB1H103K | CHIP C 0.010UF K | | L101,102 | | | L41-3392-13 | SMALL FIXED INDUCTOR | |
| C234 | | | CC73HCH1H560J | CHIP C 56PF J | | L103 | | | L41-4792-13 | SMALL FIXED INDUCTOR | |
| C301,302 | | | CK73DF1E106Z | CHIP C 10UF Z | | L104-106 | | | L40-1001-78 | SMALL FIXED INDUCTOR (10UH) | |
| C303 | | | CK73GB1H103K | CHIP C 0.010UF K | | L301-303 | | | L79-0982-05 | LC FILTER | |
| C304 | | | CK73GB1H104K | CHIP C 0.10UF K | | L306 | | | L40-5695-34 | SMALL FIXED INDUCTOR (5.6UH) | |
| C305,306 | | | CK73GB1H103K | CHIP C 0.010UF K | | L309 | | | L79-0982-05 | LC FILTER | |
| C307 | | | CE32BB0J221M | CHIP EL 220UF 6.3WV | | L401 | | | L40-1001-78 | SMALL FIXED INDUCTOR (10UH) | |
| C308 | | | CK73GB1H103K | CHIP C 0.010UF K | | L501 | | | L40-1001-78 | SMALL FIXED INDUCTOR (10UH) | |
| C309 | | | CC73HCH1H100D | CHIP C 10PF D | | CP301,302 | | | R90-1094-05 | MULTI-COMP 1K X4 | |
| C310 | | | CK73HB1H561K | CHIP C 560PF K | | CP303 | | | R90-1524-05 | MULTI-COMP 220 X4 | |
| C311 | | | CK73HB1C103K | CHIP C 0.010UF K | | R1 | | | RK73HB1J512J | CHIP R 5.1K J 1/16W | |
| C312 | | | CK73GB1H103K | CHIP C 0.010UF K | | R3 | | | RK73HB1J220J | CHIP R 22 J 1/16W | |
| C313,314 | | | CK73HB1C103K | CHIP C 0.010UF K | | R4 | | | RN73GH1J153D | CHIP R 15K D 1/16W | |
| C315,316 | | | CK73GB1H104K | CHIP C 0.10UF K | | R5 | | | RK73HB1J153J | CHIP R 15K J 1/16W | |
| C317 | | | CK73HB1C103K | CHIP C 0.010UF K | | R6 | | | RN73GH1J623D | CHIP R 62K D 1/16W | |
| C318,319 | | | CK73GB1H104K | CHIP C 0.10UF K | | R7 | | | RK73HB1J220J | CHIP R 22 J 1/16W | |
| C320 | | | CC73HCH1H560J | CHIP C 56PF J | | R8 | | | RK73HB1J512J | CHIP R 5.1K J 1/16W | |
| C321 | | | CK73GB1H104K | CHIP C 0.10UF K | | R9 | | * | RK73GH2A244D | CHIP R 240K D 1/10W | |
| C322 | | | CC73GCH1E102J | CHIP C 1000PF J | | R10 | | | RK73HB1J331J | CHIP R 330 J 1/16W | |
| C323 | | | CC73HCH1H101J | CHIP C 100PF J | | R11 | | | RK73HB1J220J | CHIP R 22 J 1/16W | |
| C324,325 | | | CK73HB1C103K | CHIP C 0.010UF K | | R12 | | | RK73HB1J105J | CHIP R 1.0M J 1/16W | |
| C326 | | | CC73GCH1H681J | CHIP C 680PF J | | | | | | | |

K : KVT-715DVD **K1** : KVT-815DVD **R1** : KVT-745DVD **M1** : KVT-735DVD
C1 : KVT-765DVD **X1** : KVT-745DVD **E1** : KVT-725DVD **E2** : KVT-725DVD-B

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PARTS LIST

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VIDEO UNIT (X35-4280-01)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|--|-------------|-------------|--|---|------------------|
| R13 R14 R15 R16,17 R18 | | | RK73HB1J220J RN73GH1J4220D RN73GH1J513D RK73HB1J220J RK73HB1J222J | CHIP R 22 J 1/16W CHIP R 422.0 D 1/16W CHIP R 51K D 1/16W CHIP R 22 J 1/16W CHIP R 2.2K J 1/16W | |
| R101 R102 R103 R104 R105 | | * | RK73GH2A104D RK73GH2A113D * RK73GH2A184D * RK73GH2A133D RK73HB1J473J | CHIP R 100K D 1/10W CHIP R 11K D 1/10W CHIP R 180K D 1/10W CHIP R 13K D 1/10W CHIP R 47K J 1/16W | |
| R106 R218 R219 R234 R235 | | | RK73HB1J103J RK73HB1J222J RK73HB1J513J RN73GH1J472D RN73GH1J912D | CHIP R 10K J 1/16W CHIP R 2.2K J 1/16W CHIP R 51K J 1/16W CHIP R 4.7K D 1/16W CHIP R 9.1K D 1/16W | |
| R236 R239 R240 R241 R242 | | | RN73GH1J222D RK73HB1J123J RK73HB1J220J RK73HB1J123J RK73HB1J220J | CHIP R 2.2K D 1/16W CHIP R 12K J 1/16W CHIP R 22 J 1/16W CHIP R 12K J 1/16W CHIP R 22 J 1/16W | |
| R253 R305 R307 R308 R311 | | | RK73HB1J000J RK73HB1J000J RK73HB1J101J RK73HB1J621J RK73HB1J000J | CHIP R 0.0 J 1/16W CHIP R 0.0 J 1/16W CHIP R 100 J 1/16W CHIP R 620 J 1/16W CHIP R 0.0 J 1/16W | |
| R313 R314,315 R316 R318 R320 | | | RK73HB1J000J RK73HB1J103J RK73HB1J102J RK73HB1J102J RK73HB1J000J | CHIP R 0.0 J 1/16W CHIP R 10K J 1/16W CHIP R 1.0K J 1/16W CHIP R 1.0K J 1/16W CHIP R 0.0 J 1/16W | |
| R321 R323 R324,325 R326 R327 | | | RK73HB1J472J RK73HB1J000J RK73HB1J472J RK73HB1J473J RK73HB1J683J | CHIP R 4.7K J 1/16W CHIP R 0.0 J 1/16W CHIP R 4.7K J 1/16W CHIP R 47K J 1/16W CHIP R 68K J 1/16W | |
| R328 R329 R330 R331 R332 | | | RK73HB1J153J RK73HB1J101J RK73HB1J182J RK73HB1J331J RK73HB1J332J | CHIP R 15K J 1/16W CHIP R 100 J 1/16W CHIP R 1.8K J 1/16W CHIP R 330 J 1/16W CHIP R 3.3K J 1/16W | |
| R333-335 R337,338 R339 R340-344 R345 | | | RK73HB1J000J RK73HB1J101J RK73HB1J102J RK73HB1J101J RK73HB1J683J | CHIP R 0.0 J 1/16W CHIP R 100 J 1/16W CHIP R 1.0K J 1/16W CHIP R 100 J 1/16W CHIP R 68K J 1/16W | |
| R346 R347 R348 R349 R350-352 | | | RK73HB1J105J RK73HB1J153J RK73HB1J362J RK73HB1J103J RK73HB1J101J | CHIP R 1.0M J 1/16W CHIP R 15K J 1/16W CHIP R 3.6K J 1/16W CHIP R 10K J 1/16W CHIP R 100 J 1/16W | |
| R353 R359,360 R361 R362 R368,369 | | | RK73HB1J100J RK73HB1J100J RK73GB2A562J RK73HB1J000J RK73HB1J000J | CHIP R 10 J 1/16W CHIP R 10 J 1/16W CHIP R 5.6K J 1/10W CHIP R 0.0 J 1/16W CHIP R 0.0 J 1/16W | |

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|--|-------------|-------------|--|---|------------------|
| R371 R373,374 R401 R402 R403 | | | RK73HB1J000J RK73HB1J561J RK73HB1J000J RK73HB1J432J RK73HB1J912J | CHIP R 0.0 J 1/16W CHIP R 560 J 1/16W CHIP R 0.0 J 1/16W CHIP R 4.3K J 1/16W CHIP R 9.1K J 1/16W | |
| R404 R421 R422 R423 R441 | | | RK73HB1J303J RK73HB1J000J RK73HB1J473J RK73HB1J104J RK73GB2A681J | CHIP R 30K J 1/16W CHIP R 0.0 J 1/16W CHIP R 47K J 1/16W CHIP R 100K J 1/16W CHIP R 680 J 1/10W | |
| R451,452 R453 R454 R455 R456 | | | RK73HB1J000J RK73GB2A681J RK73GB2A331J RK73HB1J000J RK73GB2A331J | CHIP R 0.0 J 1/16W CHIP R 680 J 1/10W CHIP R 330 J 1/10W CHIP R 0.0 J 1/16W CHIP R 330 J 1/10W | |
| R501,502 R503-506 R641 R642 R651 | | | RK73HB1J333J RK73EB2E100J RK73GB2A621J RK73HB1J391J RK73HB1J000J | CHIP R 33K J 1/16W CHIP R 10 J 1/4W CHIP R 620 J 1/10W CHIP R 390 J 1/16W CHIP R 0.0 J 1/16W | |
| R652 R654 VR203 VR301 W107 | | | RK73FB2B471J RK73GB2A301J R32-0235-05 R32-0245-05 R92-2052-05 | CHIP R 470 J 1/8W CHIP R 300 J 1/10W SEMI FIXED VARIABLE RESISTOR SEMI FIXED VARIABLE RESISTOR CHIP R 0 OHM J 1/10W | |
| W216,217 W301-304 W310 W354-358 | | | R92-2052-05 R92-1252-05 R92-1252-05 R92-1252-05 | CHIP R 0 OHM J 1/10W CHIP R 0 OHM J 1/16W CHIP R 0 OHM J 1/16W CHIP R 0 OHM J 1/16W | |
| S401-404 S601-603 | | | S70-0856-05 S70-0856-05 | TACT SWITCH TACT SWITCH | |
| D1,2 D3 D4,5 D6 D7 | | | MA8047-M MA115 DA204U MA2S784 MA8056-M | ZENER DIODE DIODE DIODE DIODE ZENER DIODE | |
| D8 D9 D10 D101 D102-104 | | | 1608SGXA DA204U AVRM1005270MAA MA2ZD18 MA2S784 | ZENER DIODE DIODE VARISTOR DIODE DIODE | |
| D301 D302,303 D304 D309 D310-313 | | | MA8051-M DA204U MA8051-M 1SV231 1608SGXA | ZENER DIODE DIODE ZENER DIODE VARIABLE CAPACITANCE DIODE ZENER DIODE | |
| D314 D401 D403-410 D501-504 IC1 | | | DA204U 1608SGXA AVRM1608180M6A MA8068-M OZ960IS-C | DIODE ZENER DIODE VARISTOR ZENER DIODE ANALOGUE IC | |
| IC101 IC203 IC301 | | | LT1947 TA75W558FU TC200G02AF0104 | ANALOGUE IC ANALOGUE IC MOS-IC | |

K : KVT-715DVD

C1 : KVT-765DVD

K1 : KVT-815DVD

X1 : KVT-745DVD

R1 : KVT-745DVD

E1 : KVT-725DVD

M1 : KVT-735DVD

E2 : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

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VIDEO UNIT (X35-4280-01)

| Ref. No. | Add | New | Parts No. | Description | Destination | Ref. No. | Add | New | Parts No. | Description | Destination |
|--------------------------------------|-----|-----|---------------|--------------------|-------------|----------|-----|-----|---------------|----------------------------------|-------------|
| IC302 | | | TC7SH08FU | MOS-IC | | C63 | | | C93-1271-05 | CHIP C 0.10UF M | |
| IC303 | | | NJM2107F | ANALOGUE IC | | C64,65 | | | CK73HB1C103K | CHIP C 0.010UF K | |
| IC304 | | | TC7WH14FU | MOS-IC | | C67 | | | CC73HCH1H220J | CHIP C 22PF J | |
| IC401 | | | TPS850 | ANALOGUE IC | | C68 | | | CC73HCH1H150J | CHIP C 15PF J | |
| Q1 | | | 2SC4081 | TRANSISTOR | | C69-73 | | | CK73HB1A104K | CHIP C 0.10UF K | |
| Q2,3 | | | SI5513DC | DUAL FET | | C74 | | | CK73EB1A106K | CHIP C 10UF K | |
| Q5 | | | 2SC4081 | TRANSISTOR | | C75,76 | | | CK73HB1C103K | CHIP C 0.010UF K | |
| Q201 | | | IMZ1A | DUAL TRANSISTOR | | C77 | | | CK73HB1A104K | CHIP C 0.10UF K | |
| Q202 | | | 2SD601A | TRANSISTOR | | C78 | | | CC73GCH1H331J | CHIP C 330PF J | |
| Q203 | | | 2SB709A | TRANSISTOR | | C79-81 | | | CK73HB1C103K | CHIP C 0.010UF K | |
| Q301 | | | 2SC4097 | TRANSISTOR | | C82 | | | CK73HB1A104K | CHIP C 0.10UF K | |
| Q501 | | | DTC124EE | DIGITAL TRANSISTOR | | C83 | | | CC73HCH1E221J | CHIP C 220PF J | |
| Q502,503 | | | PUMD13 | DUAL TRANSISTOR | | C84 | | | CC73HCH1H101J | CHIP C 100PF J | |
| Q601 | | | DTC124EE | DIGITAL TRANSISTOR | | C85 | | | C92-1684-05 | CHIP C 82UF M | |
| DVD PLAYER UNIT (X37-1020-04) | | | | | | C87,88 | | | CK73HB1C103K | CHIP C 0.010UF K | |
| C1 | | | CK73FB0J106M | CHIP C 10UF M | | C89 | | | CK73FB0J106M | CHIP C 10UF M | |
| C2 | | | CK73HB1A104K | CHIP C 0.10UF K | | C90-95 | | | CK73HB1A104K | CHIP C 0.10UF K | |
| C3,4 | | | CK73FB0J106M | CHIP C 10UF M | | C96 | | | CK73GB1A224K | CHIP C 0.22UF K | |
| C5 | | | CK73HB1A104K | CHIP C 0.10UF K | | C97,98 | | | CK73HB1A104K | CHIP C 0.10UF K | |
| C6 | | | CC73HCH1E221J | CHIP C 220PF J | | C99 | | | C92-1685-05 | CHIP C 47UF M | |
| C7 | | | CK73HB1A104K | CHIP C 0.10UF K | | C100 | | | CK73GB0J105K | CHIP C 1.0UF K | |
| C8 | | | CK73FB0J106M | CHIP C 10UF M | | C101 | | | CK73HB1C103K | CHIP C 0.010UF K | |
| C9,10 | | | CK73HB1A104K | CHIP C 0.10UF K | | C102 | | | CK73FB0J106M | CHIP C 10UF M | |
| C11 | | | CK73HB1H332K | CHIP C 3300PF K | | C103 | | | CK73FB1A225K | CHIP C 2.2UF K | |
| C12 | | | CK73HB1A104K | CHIP C 0.10UF K | | C104 | | | CK73HB1A104K | CHIP C 0.10UF K | |
| C13 | | | CK73FB0J106M | CHIP C 10UF M | | C106 | | | CK73HB1A104K | CHIP C 0.10UF K | |
| C14 | | | C92-1792-05 | CHIP C 22UF M | | C107 | | | CK73GB0J105K | CHIP C 1.0UF K | |
| C15 | | | CK73HB1C103K | CHIP C 0.010UF K | | C108 | | | C93-1228-05 | CHIP C 1.0UF M | |
| C17 | | | CC73GCH1H471J | CHIP C 470PF J | | C110-113 | | | CC73HCH1H470J | CHIP C 47PF J | |
| C18 | | | CK73HB1A104K | CHIP C 0.10UF K | | C114,115 | | | CK73FB1A225K | CHIP C 2.2UF K | |
| C19 | | | CC73GCH1H471J | CHIP C 470PF J | | C116 | | | CK73GB1A224K | CHIP C 0.22UF K | |
| C20 | | | CK73HB1A333K | CHIP C 0.033UF K | | C117 | | | CK73HB1C223K | CHIP C 0.022UF K | |
| C21 | | | CK73HB1A473K | CHIP C 0.047UF K | | C119 | | | CK73EB0J226K | CHIP C 22UF K | |
| C22-24 | | | CK73HB1A104K | CHIP C 0.10UF K | | C123 | | | CC73HCH1H470J | CHIP C 47PF J | |
| C25,26 | | | C93-1215-05 | CHIP C 10UF M | | C125-134 | | | CK73HB1C103K | CHIP C 0.010UF K | |
| C27 | | | CK73HB1A104K | CHIP C 0.10UF K | | C135,136 | | | CC73HCH1H050C | CHIP C 5.0PF C | |
| C31 | | | C92-1685-05 | CHIP C 47UF M | | C137 | | | CK73HB1H102K | CHIP C 1000PF K | |
| C32,33 | | | CC73GCH1E102J | CHIP C 1000PF J | | C138 | | | CK73EB1A106K | CHIP C 10UF K | |
| C34,35 | | | CC73GCH1H681J | CHIP C 680PF J | | CN1 | | | E41-0273-05 | FLAT CABLE CONNECTOR (30PIN) | |
| C36 | | | CK73HB1H222K | CHIP C 2200PF K | | CN2 | | | E41-0271-05 | FLAT CABLE CONNECTOR (4PIN) | |
| C37 | | | CC73GCH1H331J | CHIP C 330PF J | | CN3 | | | E41-0272-05 | FLAT CABLE CONNECTOR (11PIN) | |
| C38,39 | | | CK73HB1C103K | CHIP C 0.010UF K | | CN4 | | | E41-0312-05 | FLAT CABLE CONNECTOR (50PIN) | |
| C40,41 | | | CK73HB1A104K | CHIP C 0.10UF K | | CN5 | | | E41-0335-05 | FLAT CABLE CONNECTOR (4PIN) | |
| C42 | | | CK73HB1C223K | CHIP C 0.022UF K | | L1 | | | L92-0365-05 | CHIP FERRITE | |
| C43 | | | CC73HCH1H470J | CHIP C 47PF J | | L2 | | | L92-0329-05 | CHIP FERRITE | |
| C44 | | | CC73GCH1H681J | CHIP C 680PF J | | L3-8 | | | L92-0365-05 | CHIP FERRITE | |
| C45 | | | CK73HB1E682K | CHIP C 6800PF K | | L10-13 | | | L92-0365-05 | CHIP FERRITE | |
| C46 | | | CK73HB1A104K | CHIP C 0.10UF K | | L16-18 | | | L92-0365-05 | CHIP FERRITE | |
| C47 | | | CC73GCH1E102J | CHIP C 1000PF J | | L21-27 | | | L92-0365-05 | CHIP FERRITE | |
| C48-50 | | | CK73HB1A104K | CHIP C 0.10UF K | | L28 | | | L92-0375-05 | CHIP FERRITE | |
| C51 | | | C93-1271-05 | CHIP C 0.10UF M | | X1 | | | L77-2808-05 | CRYSTAL RESONATOR (16.897849MHZ) | |
| C52-55 | | | CK73HB1A104K | CHIP C 0.10UF K | | CP1 | | | RK74HB1J102J | CHIP-COM 1.0K J 1/16W | |
| C56,57 | | | C93-1271-05 | CHIP C 0.10UF M | | CP3 | | | RK74HB1J472J | CHIP-COM 4.7K J 1/16W | |
| C58-60 | | | CK73HB1A104K | CHIP C 0.10UF K | | CP4-8 | | | RK74HB1J220J | CHIP-COM 22 J 1/16W | |
| C62 | | | CK73HB1A104K | CHIP C 0.10UF K | | | | | | | |

K : KVT-715DVD K1 : KVT-815DVD R1 : KVT-745DVD M1 : KVT-735DVD
C1 : KVT-765DVD X1 : KVT-745DVD E1 : KVT-725DVD E2 : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

* New parts

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Teile ohne **Parts No.** werden nicht geliefert.

DVD PLAYER UNIT (X37-1020-04)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|----------|-------------|-------------|--------------|-----------------------|------------------|
| CP9 | | | RK74HB1J820J | CHIP-COM 82 J 1/16W | |
| CP11 | | | R90-0726-05 | MULTI-COMP 10K X2 | |
| CP12 | | | RK74HB1J472J | CHIP-COM 4.7K J 1/16W | |
| CP13-16 | | | RK74HB1J103J | CHIP-COM 10K J 1/16W | |
| R3,4 | | | RK73GH1J103D | CHIP R 10K D 1/16W | |
| R5 | | | RK73GB2A4R7J | CHIP R 4.7 J 1/10W | |
| R6 | | | RK73GB2A100J | CHIP R 10 J 1/10W | |
| R7,8 | | | RK73HB1J273J | CHIP R 27K J 1/16W | |
| R9 | | | RK73GH1J223D | CHIP R 22K D 1/16W | |
| R10 | | | RK73GH1J392D | CHIP R 3.9K D 1/16W | |
| R11 | | | RK73GH1J183D | CHIP R 18K D 1/16W | |
| R12 | | | RK73GB2A4R7J | CHIP R 4.7 J 1/10W | |
| R13,14 | | | RK73HB1J125J | CHIP R 1.2M J 1/16W | |
| R15 | | | RK73GB2A200J | CHIP R 20 J 1/10W | |
| R16 | | | R92-3409-05 | CHIP R 6.8 F 1/4W | |
| R17 | | | R92-3350-05 | CHIP R 2.2 F 1/10W | |
| R18 | | | RK73GH1J221D | CHIP R 220 D 1/16W | |
| R19 | | | RK73HB1J100J | CHIP R 10 J 1/16W | |
| R27,28 | | | RK73HB1J472J | CHIP R 4.7K J 1/16W | |
| R29 | | | RK73HB1J103J | CHIP R 10K J 1/16W | |
| R30 | | | RK73HB1J473J | CHIP R 47K J 1/16W | |
| R31 | | | RK73HB1J102J | CHIP R 1.0K J 1/16W | |
| R32 | | | RK73GH1J153D | CHIP R 15K D 1/16W | |
| R33 | | | RK73HB1J105J | CHIP R 1.0M J 1/16W | |
| R36 | | | RK73HB1J103J | CHIP R 10K J 1/16W | |
| R37 | | | RK73HB1J273J | CHIP R 27K J 1/16W | |
| R38 | | | RK73HB1J472J | CHIP R 4.7K J 1/16W | |
| R39 | | | RK73HB1J273J | CHIP R 27K J 1/16W | |
| R40 | | | RK73HB1J472J | CHIP R 4.7K J 1/16W | |
| R41 | | | RK73HB1J103J | CHIP R 10K J 1/16W | |
| R42 | | | RK73HB1J105J | CHIP R 1.0M J 1/16W | |
| R43 | | | RK73HB1J152J | CHIP R 1.5K J 1/16W | |
| R44 | | | RK73HB1J202J | CHIP R 2.0K J 1/16W | |
| R45 | | | RK73GH1J183D | CHIP R 18K D 1/16W | |
| R46 | | | RK73GB2A752J | CHIP R 7.5K J 1/10W | |
| R47 | | | RK73GH1J103D | CHIP R 10K D 1/16W | |
| R48 | | | R92-3353-05 | CHIP R 1.0K F 1/8W | |
| R53 | | | R92-3353-05 | CHIP R 1.0K F 1/8W | |
| R54 | | | R92-3348-05 | CHIP R 0.47 F 1/2W | |
| R55,56 | | | RK73GB2A820J | CHIP R 82 J 1/10W | |
| R57 | | | RK73GB2A391J | CHIP R 390 J 1/10W | |
| R58,59 | | | RK73GB2A103J | CHIP R 10K J 1/10W | |
| R60 | | | RK73GB2A472J | CHIP R 4.7K J 1/10W | |
| R61 | | | RK73GB2A153J | CHIP R 15K J 1/10W | |
| R62,63 | | | RK73GH1J153D | CHIP R 15K D 1/16W | |
| R64 | | | RK73GH1J303D | CHIP R 30K D 1/16W | |
| R65 | | | RK73GH1J183D | CHIP R 18K D 1/16W | |
| R66,67 | | | RK73GH1J153D | CHIP R 15K D 1/16W | |
| R68 | | | RK73GH1J513D | CHIP R 51K D 1/16W | |
| R71 | | | RK73GH1J202D | CHIP R 2.0K D 1/16W | |
| R72 | | | RK73GH1J123D | CHIP R 12K D 1/16W | |
| R73 | | | RK73HB1J103J | CHIP R 10K J 1/16W | |
| R74 | | | RK73HB1J472J | CHIP R 4.7K J 1/16W | |
| R75-79 | | | RK73HB1J132J | CHIP R 1.3K J 1/16W | |
| R80-83 | | | RK73HB1J103J | CHIP R 10K J 1/16W | |

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|----------|-------------|-------------|----------------|----------------------|------------------|
| R88 | | | RK73HB1J103J | CHIP R 10K J 1/16W | |
| R89 | | | RK73HB1J820J | CHIP R 82 J 1/16W | |
| R90 | | | RK73HB1J103J | CHIP R 10K J 1/16W | |
| R91 | | | RK73HB1J220J | CHIP R 22 J 1/16W | |
| R92 | | | RK73HB1J820J | CHIP R 82 J 1/16W | |
| R93 | | | RK73HB1J103J | CHIP R 10K J 1/16W | |
| R94,95 | | | RK73HB1J820J | CHIP R 82 J 1/16W | |
| R101 | | | RK73HB1J103J | CHIP R 10K J 1/16W | |
| R103-106 | | | RK73HB1J220J | CHIP R 22 J 1/16W | |
| R107,108 | | | RK73HB1J103J | CHIP R 10K J 1/16W | |
| R109 | | | RK73HB1J332J | CHIP R 3.3K J 1/16W | |
| R110 | | | RK73HB1J473J | CHIP R 47K J 1/16W | |
| R111 | | | RK73GB2A150J | CHIP R 15 J 1/10W | |
| R112,113 | | | RK73HB1J221J | CHIP R 220 J 1/16W | |
| R114 | | | RK73HB1J220J | CHIP R 22 J 1/16W | |
| R117 | | | RK73GB2A752J | CHIP R 7.5K J 1/10W | |
| R119,120 | | | RK73HB1J510J | CHIP R 51 J 1/16W | |
| R121,122 | | | RK73HB1J103J | CHIP R 10K J 1/16W | |
| R123 | | | R92-3385-05 | CHIP R 8.2 F 1/10W | |
| R124 | | | RK73HB1J103J | CHIP R 10K J 1/16W | |
| R126,127 | | | RK73HB1J104J | CHIP R 100K J 1/16W | |
| R128,129 | | | RK73HB1J472J | CHIP R 4.7K J 1/16W | |
| R130 | | | RK73HB1J751J | CHIP R 750 J 1/16W | |
| R131-143 | | | RK73HB1J103J | CHIP R 10K J 1/16W | |
| W1-3 | | | R92-1252-05 | CHIP R 0 OHM J 1/16W | |
| S4 | | | S68-0874-05 | PUSH SWITCH | |
| S5 | | | S68-0866-05 | PUSH SWITCH | |
| D1,2 | | | MAZS0510M | ZENER DIODE | |
| D3-5 | | | MA2J729 | DIODE | |
| D6 | | | MAZS0560M | ZENER DIODE | |
| D7 | | | MA4ZD03 | DIODE | |
| D8 | | | MA142WA | DIODE | |
| IC1 | | | AN8703FH | ANALOGUE IC | |
| IC2 | | | NJU7042 | ANALOGUE IC | |
| IC4 | | | MN103S26E | MOS-IC | |
| IC4 | | | MN103S26E2 | MOS-IC | |
| IC5 | | | S-80829CLBB | ANALOGUE IC | |
| IC6 | | | LA6505 | ANALOGUE IC | |
| IC7 | | | DF2328VTE250S0 | MICROCONTROLLER IC | |
| IC8 | | | S-80815CLBB | ANALOGUE IC | |
| IC9 | | | UPC2918T | ANALOGUE IC | |
| IC10 | | | NJM2880U33 | ANALOGUE IC | |
| IC11 | | | S-24C04BMFN | MEMORY IC | |
| IC12 | | | HD74LV2G66A | MOS-IC | |
| Q1 | | | 2SB0970 | TRANSISTOR | |
| Q2 | | | MCH6101-E | TRANSISTOR | |
| Q3 | | | 2SJ0536 | FET | |
| Q4 | | | UN5114 | DIGITAL TRANSISTOR | |
| Q5 | | | UN5214 | DIGITAL TRANSISTOR | |
| Q6 | | | 2SD1819A | TRANSISTOR | |
| Q9 | | | UN5114 | DIGITAL TRANSISTOR | |
| Q10 | | | UN5214 | DIGITAL TRANSISTOR | |
| Q13 | | | UN5114 | DIGITAL TRANSISTOR | |
| Q15 | | | UN5114 | DIGITAL TRANSISTOR | |

K : KVT-715DVD
C1 : KVT-765DVD

K1 : KVT-815DVD
X1 : KVT-745DVD

R1 : KVT-745DVD
E1 : KVT-725DVD

M1 : KVT-735DVD
E2 : KVT-725DVD-B

△ Indicates safety critical components.

PARTS LIST

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DVD PLAYER UNIT (X37-1020-04)

| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
|---|-------------|-------------|--------------|----------------------------------|-----------------------------|
| TH1 | | | TH11-3H103FT | THERMISTOR | |
| COMPOUND ASSY UNIT (X90-389x-xx) | | | | | |
| 320 | 1H | * | A01-2837-02 | METALLIC CABINET | |
| 321 | 3B | | E30-4953-05 | CORD WITH PLUG (6m) | KR1M1 C1X1E1 E2 K1 |
| 322 | | * | E30-6296-05 | CORD WITH PINPLUG | |
| 322 | | * | E30-6296-05 | CORD WITH PINPLUG | |
| 322 | | * | E30-6296-05 | CORD WITH PINPLUG | |
| 322 | | * | E30-6356-05 | CORD WITH PINPLUG | |
| 325 | | * | E30-6297-05 | CORD WITH PINPLUG | |
| 332 | 3G | * | F09-1877-05 | FAN | |
| 334 | 3H | | F29-0049-05 | INSULATING COVER | |
| - | | * | H02-0837-03 | INNER CARTON CASE | KK1R1 M1C1X1 E1E2 |
| - | | | H25-0329-04 | PROTECTION BAG (280X450X0.03) | |
| - | | | H25-0329-04 | PROTECTION BAG (280X450X0.03) | |
| - | | | H25-1111-04 | PROTECTION BAG (280X450X0.03) | |
| A | 1H | * | N09-6228-05 | TAPTITE SCREW (2.6X25 S-TITE) | |
| B | 1H | * | N09-6229-05 | TAPTITE SCREW (2.6X40 S-TITE) | |
| C | 3H | * | N84-2614-48 | PAN HEAD TAPTITE SCREW | |
| D | 2H | | N86-2605-48 | BINDING HEAD TAPTITE SCREW | |
| E | 1H | | N89-3006-43 | BINDING HEAD TAPTITE SCREW | |
| DVD MECHANISM ASSY (X92-5020-02) | | | | | |
| 1 | 2B | | A10-4909-21 | CHASSIS | |
| 2 | 1A | | A10-4910-11 | CHASSIS | |
| 3 | 1A | | A10-4911-02 | CHASSIS | |
| 4 | 1B | | A10-4913-11 | CHASSIS | |
| 5 | 2B | | A10-4952-61 | CHASSIS ASSY | |
| 7 | 1B | | A10-5091-53 | CHASSIS ASSY | |
| 15 | 3B | | D10-4650-03 | SLIDER | |
| 16 | 3B | | D10-4651-02 | SLIDER | |
| 17 | 3B | | D10-4652-02 | SLIDER | |
| 18 | 2A | | D10-4653-02 | SLIDER | |
| 19 | 3B | | D10-4654-04 | ARM ASSY | |
| 20 | 3A | | D10-4658-33 | ARM ASSY | |
| 21 | 1B | | D10-4659-43 | LEVER ASSY | |
| 22 | 1A | | D10-4660-04 | ARM ASSY | |
| 23 | 3B | | D10-4686-03 | SLIDER | |
| 24 | 3B | | D10-4687-03 | ARM | |
| 25 | 3B | | D10-4689-03 | ARM | |
| 26 | 3B | | D10-4690-03 | ARM | |
| 27 | 3B | | D10-4781-03 | ARM | |
| 29 | 1A | | D12-0635-03 | CAM | |
| 30 | 2B | | D12-0636-13 | CAM | |
| 32 | 3B | | D13-2221-04 | GEAR | |
| 33 | 3B | | D13-2222-04 | GEAR | |
| 34 | 3B | | D13-2223-04 | GEAR | |
| 35 | 3B | | D13-2224-04 | GEAR | |
| 36 | 2B | | D13-2225-04 | GEAR | |
| 37 | 2B | | D13-2226-04 | GEAR | |
| 38 | 3B | | D13-2227-04 | GEAR | |
| 43 | 2A | | D14-0785-04 | ROLLER | |
| 44 | 1A | | D21-2395-13 | SHAFT | |
| 46 | 2B | | D21-2414-04 | SHAFT | |
| Ref. No. | A d d | N e w | Parts No. | Description | Desti- nation |
| 48 | 1B | | D32-0648-04 | STOPPER | |
| 49 | 2B | | D32-0654-04 | STOPPER | |
| 50 | 2A | | D39-0254-05 | DAMPER | |
| VFC1 | 2A | | E39-0464-05 | FLAT CABLE (4PIN) | |
| 54 | 2B | | F09-1748-04 | SHEET | |
| 56 | 1A | | G01-3112-04 | COMPRESSION SPRING | |
| 58 | 3B | | G01-3114-14 | EXTENSION SPRING | |
| 59 | 3A | | G01-3116-14 | EXTENSION SPRING | |
| 60 | 2B | | G01-3117-04 | EXTENSION SPRING | |
| 61 | 1B | | G01-3118-04 | EXTENSION SPRING | |
| 62 | 2A | | G01-3119-04 | EXTENSION SPRING | |
| 63 | 3A | | G01-3121-14 | TORSION COIL SPRING | |
| 64 | 3B | | G01-3140-04 | EXTENSION SPRING | |
| 65 | 3B | | G01-3142-04 | TORSION COIL SPRING | |
| 66 | 3B | | G01-3196-04 | TORSION COIL SPRING | |
| 69 | 2A | | G02-1421-03 | FLAT SPRING | |
| 77 | 3A | * | J12-1238-04 | PIN | |
| 78 | 3B | | J21-9792-03 | MOUNTING HARDWARE | |
| 79 | 1A | | J21-9793-12 | MOUNTING HARDWARE | |
| 80 | 3B | | J22-0061-03 | MOUNTING HARDWARE | |
| 82 | 2A | | J90-1031-21 | GUIDE | |
| A | 1A | | N09-4495-05 | ADJUSTABLE SCREW (ADJUSTMENT SC) | |
| B | 1A | | N09-4496-05 | TAPTITE SCREW (02 2X5P-TITE) | |
| C | 1B | | N09-6060-05 | MACHINE SCREW (02M1.7X1.8 CR) | |
| D | 2B | | N09-6061-05 | MACHINE SCREW (02M1.7X3.5CUP) | |
| E | 1A | | N09-6103-05 | MACHINE SCREW (M1.7X3.5(NK G) | |
| F | 1A | | N09-6104-05 | MACHINE SCREW (2X10 S-TITE) | |
| G | 1B | | N09-6106-05 | MACHINE SCREW (M1.7X2.5) | |
| H | 2A | | N09-6122-05 | MACHINE SCREW (CONNECTION SC) | |
| J | 2A | | N19-2022-04 | FLAT WASHER | |
| K | 3A | | N19-2171-04 | FLAT WASHER | |
| VM1 | 2B | | T42-1058-15 | MOTOR ASSY (SPINDLE) | |
| VM2 | 3A | | T49-0101-05 | MOTOR ASSY (FEED) | |
| VM3 | 3B | | T42-1061-04 | MOTOR ASSY (LOADING) | |
| VPU1 | 1A | | T25-0222-05 | OPTICAL PICKUP HEAD | |
| 83 | 2A | | W02-3408-15 | ELECTRIC CIRCUIT MODULE | |

K : KVT-715DVD K1 : KVT-815DVD R1 : KVT-745DVD M1 : KVT-735DVD
C1 : KVT-765DVD X1 : KVT-745DVD E1 : KVT-725DVD E2 : KVT-725DVD-B

△ Indicates safety critical components.

SPECIFICATIONS

● KVT-715DVD (K), KVT-815DVD (K), KVT-745DVD (R)

Monitor Section

| | |
|-------------------------|--|
| Picture size | 6.95 inches (diagonal) wide 154.1 W x 87.1 H (mm) |
| Display system | Transparent TN LCD panel |
| Drive system | TFT active matrix system |
| Number of pixels | 336,960 (480H x 234V x RGB) |
| Effective pixels | 99.99% |
| Pixel arrangement | RGB striped arrangement |
| Back lighting | Cold Cathode Fluorescent Tube |

DVD Section

| | |
|--------------------------------------|--------------------------------------|
| D/A converter | 24Bit |
| Decoder | Linear PCM/Dolby digital/dts/MP3/WMA |
| Wow & Flutter | Below Measurable Limit |
| Frequency response | |
| (Sampling frequency: 96k) | 20~44,000Hz |
| (Sampling frequency: 48k) | 20~22,000Hz |
| (Sampling frequency: 44.1k) | 20~20,000Hz |
| Total harmonic distortion (1k) | 0.010% |
| Signal to noise ratio | 95dB (DVD 96k) |
| Dynamic range | 90dB (DVD 96k) |
| DISC format | DVD-Video/VIDEO-CD/CD-DA |
| Sampling frequency | 44.1kHz/48kHz, 96kHz |
| Quantifying bit number | 16/20/24bit |

FM Tuner Section

| | |
|---------------------------------------|---------------------|
| Frequency range (200kHz) | 87.9~107.9MHz |
| Usable sensitivity (S/N=30dB) | 9.3dBf (0.8μV/75Ω) |
| Quieting sensitivity (S/N=50dB) | 15.2dBf (1.6μV/75Ω) |
| Frequency response (±3.0dB) | 30Hz~15kHz |
| S/N (MONO) | 72dB |
| Selectivity (±400kHz) | Over 80dB |
| Stereo separation | 37dB (1kHz) |

AM Tuner Section

| | |
|-------------------------------|----------------|
| Frequency range (10kHz) | 530kHz~1700kHz |
| Usable sensitivity | 28dBμ |

Video Section

| | |
|--|-------------|
| Color system of external video input | NTSC |
| External video input level (RCA jacks) | 1Vp-p/75Ω |
| External audio max input level (RCA jacks) | 1V/22kΩ |
| Analog RGB input | 0.7Vp-p/75Ω |

Audio Section

| | |
|--|---------|
| Maximum power (Front & Rear) | 50W x 4 |
| Full bandwidth power (Front & Rear) (at Less than 1%THD) | |
| | 22W x 4 |

| | |
|------------------------|------------|
| Preout level | 5V/10kΩ |
| Preout impedance | 80Ω |
| Tone action | |
| Bass | 100Hz±10dB |
| Middle | 1kHz±10dB |
| Treble | 10kHz±10dB |

General

| | |
|-------------------------------------|---|
| Operating voltage | 14.4V (11V~16V) |
| Current consumption | 15A |
| Dimensions (W x H x D) | |
| Main unit installation | 182 x 53 x 165 (mm) 7-3/16 x 2-1/16 x 6-1/2 (inch) |
| Hideaway unit | 205 x 30 x 195 (mm) 8-1/16 x 1-3/16 x 7-10/16 (inch) |
| Operational temperature range | -10°C~60°C |
| Storage temperature range | -20°C~85°C |
| Weight | |
| Main unit | 2.2kg (4.9lbs) |
| Hideaway unit | 1.4kg (3.0lbs) |

● KVT-725DVD (E), KVT-725DVD-B (E)

Monitor Section

| | |
|-------------------------|---|
| Picture size | 6.95 inches wide 154.1 W x 87.1 H (mm) |
| Display system | Transparent TN LCD panel |
| Drive system | TFT active matrix system |
| Number of pixels | 336,960 (480H x 234V x RGB) |
| Effective pixels | 99.99% |
| Pixel arrangement | RGB striped arrangement |
| Back lighting | Cold Cathode Fluorescent Tube |

DVD Section

| | |
|--------------------------------------|--------------------------------------|
| D/A converter | 24Bit |
| Decoder | Linear PCM/Dolby digital/dts/MP3/WMA |
| Wow & Flutter | Below Measurable Limit |
| Frequency response | |
| (Sampling frequency: 96k) | 20~44,000Hz |
| (Sampling frequency: 48k) | 20~22,000Hz |
| (Sampling frequency: 44.1k) | 20~20,000Hz |
| Total harmonic distortion (1k) | 0.010% |
| Signal to noise ratio | 95dB (DVD 96k) |
| Dynamic range | 90dB (DVD 96k) |
| DISC format | DVD-Video/VIDEO-CD/CD-DA |
| Sampling frequency | 44.1kHz/48kHz, 96kHz |
| Quantifying bit number | 16/20/24bit |

SPECIFICATIONS

FM Tuner Section

| | |
|---|-------------------------|
| Frequency range (50kHz) | 87.5~108.0MHz |
| Usable sensitivity (S/N=26dB) | 0.7 μ V/75 Ω |
| Quieting sensitivity (S/N=46dB) | 1.6 μ V/75 Ω |
| Frequency response (\pm 3.0dB) | 30Hz~15kHz |
| S/N (dB) (MONO) | 65dB |
| Selectivity (\pm 400kHz) | Over 80dB |
| Stereo separation | 37dB (1kHz) |

LW Tuner Section

| | |
|------------------------------|---------------|
| Frequency range (9kHz) | 153kHz~281kHz |
| Usable sensitivity | 28dB μ |

MW Tuner Section

| | |
|------------------------------|----------------|
| Frequency range (9kHz) | 531kHz~1611kHz |
| Usable sensitivity | 28dB μ |

Video Section

| | |
|--|---------------------|
| Color system of external video input | NTSC/PAL |
| External video input level (RCA jacks) | 1Vp-p/75 Ω |
| External audio max input level (RCA jacks) | 1V/22k Ω |
| Analog RGB input | 0.7Vp-p/75 Ω |

Audio Section

| | |
|--|-------------------|
| Maximum power (Front & Rear) | 50W x 4 |
| Output power (Front & Rear) (DIN 45324, +B=14.4V) | 30W x 4 |
| Preout level | 5V/10k Ω |
| Preout impedance | 80 Ω |
| Tone action | |
| Bass | 100Hz \pm 10 dB |
| Middle | 1kHz \pm 10 dB |
| Treble | 10kHz \pm 10 dB |

General

| | |
|-------------------------------------|---------------------|
| Operating voltage | 14.4V (11V~16V) |
| Current consumption | 15A |
| Dimensions (W x H x D) | |
| Main unit installation | 182 x 53 x 165 (mm) |
| Hideaway unit | 265 x 30 x 195 (mm) |
| Operational temperature range | -10°C~60°C |
| Storage temperature range | -20°C~85°C |
| Weight | |
| Main unit | 2.2kg |
| Hideaway unit | 1.4kg |

● KVT-735DVD (M), KVT-745DVD (C), KVT-765DVD (X)

Monitor Section

| | |
|-------------------------|---|
| Picture size | 6.95 inches wide 154.1 W x 87.1 H (mm) |
| Display system | Transparent TN LCD panel |
| Drive system | TFT active matrix system |
| Number of pixels | 336,960 (480H x 234V x RGB) |
| Effective pixels | 99.99% |
| Pixel arrangement | RGB striped arrangement |
| Back lighting | Cold Cathode Fluorescent Tube |

DVD Section

| | |
|--------------------------------------|--------------------------------------|
| D/A converter | 24Bit |
| Decoder | Linear PCM/Dolby digital/dts/MP3/WMA |
| Wow & Flutter | Below Measurable Limit |
| Frequency response | |
| (Sampling frequency: 96k) | 20~44,000Hz |
| (Sampling frequency: 48k) | 20~22,000Hz |
| (Sampling frequency: 44.1k) | 20~20,000Hz |
| Total harmonic distortion (1k) | 0.010% |
| Signal to noise ratio | 95dB (DVD 96k) |
| Dynamic range | 90dB (DVD 96k) |
| DISC format | DVD-Video/VIDEO-CD/CD-DA |
| Sampling frequency | 44.1kHz/48kHz, 96kHz |
| Quantifying bit number | 16/20/24bit |

FM Tuner Section

| | |
|---|-------------------------|
| Frequency range (50kHz) | 87.5~108.0MHz |
| Usable sensitivity (S/N=26dB) | 0.7 μ V/75 Ω |
| Quieting sensitivity (S/N=46dB) | 1.6 μ V/75 Ω |
| Frequency response (\pm 3.0dB) | 30Hz~15kHz |
| S/N (MONO) | 65dB |
| Selectivity (\pm 400kHz) | Over 80dB |
| Stereo separation | 37dB (1kHz) |

AM Tuner Section

| | |
|------------------------------|----------------|
| Frequency range (9kHz) | 531kHz~1611kHz |
| Usable sensitivity | 28dB μ |

Video Section

| | |
|--|---------------------|
| Color system of external video input | NTSC/PAL |
| External video input level (RCA jacks) | 1Vp-p/75 Ω |
| External audio max input level (RCA jacks) | 1V/22k Ω |
| Analog RGB input | 0.7Vp-p/75 Ω |

KVT-715DVD,725DVD/-B,735DVD
KVT-745DVD,765DVD,815DVD

SPECIFICATIONS

Audio Section

Maximum power (Front & Rear) 50W x 4
Full bandwidth power (Front & Rear) (at Less than 1%THD)
..... 22W x 4
Preout level5V/10k Ω
Preout impedance 80 Ω
Tone action
Bass 100Hz \pm 10 dB
Middle 1kHz \pm 10 dB
Treble 10kHz \pm 10 dB

General

Operating voltage 14.4V (11V~16V)
Current consumption 15A
Dimensions (W x H x D)
Main unit installation 182 x 53 x 165 (mm)
Hideaway unit 265 x 30 x 195 (mm)
Operational temperature range -10°C~60°C
Storage temperature range -20°C~85°C
Weight
Main unit 2.2kg
Hideaway unit 1.4kg

- Specifications subject to change without notice.
- Although the effective pixels for the liquid crystal panel is given as 99.99% or more, 0.01% of pixels may not light or may light incorrectly.
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